

212S DETAIL PARTS REVISIONS LIST



PAGE #	REV.	DATE	NOTES
I	D	08.03.14	212S DETAIL PARTS REVISIONS LIST PAGE 1
II	D	08.03.14	212S DETAIL PARTS REVISIONS LIST PAGE 2
III	D	08.03.14	212S DETAIL PARTS REVISIONS LIST PAGE 3
IV	D	08.03.14	212S DETAIL PARTS REVISIONS LIST PAGE 4
V	D	08.03.14	212S DETAIL PARTS REVISIONS LIST PAGE 5
VI	D	08.03.14	212S DETAIL PARTS REVISIONS LIST PAGE 6
1	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
2	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
3	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
4	A	06.12.08	NEW ISSUE
	B	07.05.11	UPDATE MATERIAL & GRAIN DIRECTION
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
5	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	D212-725-1-009 MOVE TO SHEET 64 & REDESIGN
6	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
7	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	10.13 WAS 10.50 & 10.88; ADD DIMENSION 12.50 & 5.15
	D	08.03.14	NO CHANGE
8	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	REMOVED ONE Ø1.950; MOVE Ø1.500 POSITION
	D	08.03.14	NO CHANGE
9	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	INSTRUMENTS RE-LOCATED
	D	08.03.14	NO CHANGE
10	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE

RELEASED
08-07-03 MD

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO. D212-725-1	REV. D
MFG. APPR.	N/A		SHEET 1 OF VI
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS	NTS
DATE 08.03.14		<small>COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

PAGE #	REV.	DATE	NOTES
11	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
12	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
13	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
14	A	06.12.08	NEW ISSUE
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	D	08.03.14	NO CHANGE
15	A	06.12.08	NEW ISSUE
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	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
16	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
17	A	06.12.08	NEW ISSUE
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	D	08.03.14	NO CHANGE
18	A	06.12.08	NEW ISSUE
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	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
19	A	06.12.08	NEW ISSUE
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	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
20	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
21	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
22	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE

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08-07-03 MD

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	
CHECKED	DS	DRAWING NO. REV. D
MFG. APPR.	N/A	D212-725-1 SHEET II OF VI
APPROVED		TITLE SCALE
DE APPR.		212S DETAIL PARTS NTS
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PAGE #	REV.	DATE	NOTES
23	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
24	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
25	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
26	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
27	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
28	A	06.12.08	NEW ISSUE
	B	07.05.11	ADD NOTE FABRICATE FROM SS
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
29	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
30	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
31	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
32	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	0.040 WAS 0.050; 6.69 WAS 6.29; ADD NOTE
	D	08.03.14	NO CHANGE
33	A	06.12.08	NEW ISSUE
	B	07.05.11	D212-725-1-919 WAS D212-725-1-921
	C	07.12.04	MATERIAL CHANGE ON D212-725-1-089
	D	08.03.14	NO CHANGE
34	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	CORRECTED DIMENSIONS TO TEMPLATE
	D	08.03.14	NO CHANGE

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08-07-03 MD

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET III OF VI
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
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PAGE #	REV.	DATE	NOTES
35	A	06.12.08	NEW ISSUE
	B	07.05.11	ADD CAD PLATE
	C	07.12.04	ADDED Ø0.313 & Ø0.250, ISO VIEW TO D212-725-1-109/-110; CLARIFY TOLERANCES
	D	08.03.14	NO CHANGE
36	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
37	A	06.12.08	NEW ISSUE
	B	07.05.11	NO CHANGE
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
38	A	N/A	N/A
	B	07.05.11	ADDED D212-725-1-119/-120
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
39	A	N/A	N/A
	B	07.05.11	ADD D212-725-1-121/-921
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
40	A	N/A	N/A
	B	07.05.11	ADD D212-725-1-123
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
41	A	N/A	N/A
	B	07.05.11	ADDED D212-725-1-125/-127/-129/-923
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
42	A	N/A	N/A
	B	07.05.11	ADDED D212-725-1-131/-925
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
43	A	N/A	N/A
	B	07.05.11	ADDED D212-725-1-133
	C	07.12.04	NO CHANGE
	D	08.03.14	NO CHANGE
44	A	N/A	N/A
	B	07.05.11	ADDED D212-725-1-135
	C	07.12.04	NO CHANGE
	D	08.03.14	ADDED D212-725-1-193
45	A	N/A	N/A
	B	N/A	N/A
	C	07.12.04	ADDED D212-725-1-137/-927
	D	08.03.14	NO CHANGE
46	A	06.12.08	N/A
	B	07.05.11	N/A
	C	07.12.04	ADDED D212-725-1-139/-931

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08-07-03 MD

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET IV OF VI
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	NTS
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PAGE #	REV.	DATE	NOTES
	D	08.03.14	NO CHANGE
47	A	N/A	N/A
	B	N/A	N/A
	C	07.12.04	ADDED D212-725-1-141/-143
	D	08.03.14	NO CHANGE
48	A	N/A	N/A
	B	N/A	N/A
	C	07.12.04	ADDED D212-725-145/-147
	D	08.03.14	Ø2.25 WAS Ø2.50
49	A	N/A	N/A
	B	N/A	N/A
	C	07.12.04	ADDED D212-725-1-929
	D	08.03.14	UPDATE D212-725-1-147
50	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-149
51	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-151
52	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-153/-155
53	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-157
54	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-159/-161
55	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-163/-167
56	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-165/-179
57	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A
	D	08.03.14	ADDED D212-725-1-171/-173
58	A	N/A	N/A
	B	N/A	N/A
	C	N/A	N/A

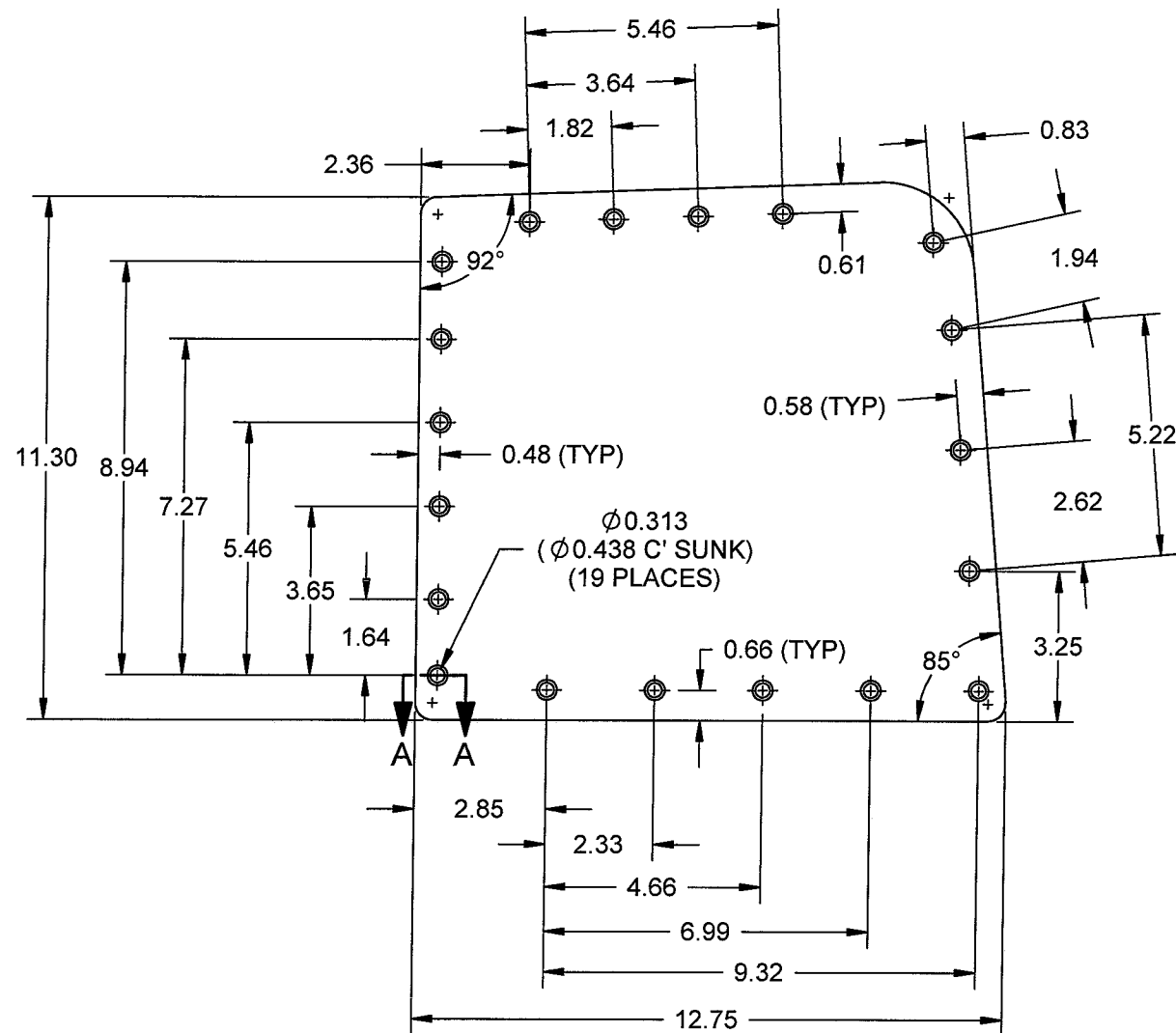
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08.07.03 MD

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET V OF VI
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	1:1
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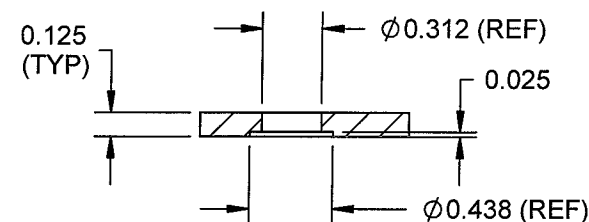
A	N/A	N/A
B	N/A	N/A
C	N/A	N/A
D	08.03.14	ADDED D212-725-1-183/-184
A	N/A	N/A
B	N/A	N/A
C	N/A	N/A
D	08.03.14	ADDED D212-725-1-185
A	N/A	N/A
B	N/A	N/A
C	N/A	N/A
D	08.03.14	RELOCATED D212-725-1-009 & REDESIGN
A	N/A	N/A
B	N/A	N/A
C	N/A	N/A
D	08.03.14	ADDED D212-725-1-195
A	N/A	N/A
B	N/A	N/A
C	N/A	N/A
D	08.03.14	ADDED D212-725-1-197/-201/-202
A	N/A	N/A
B	N/A	N/A
C	N/A	N/A
D	08.03.14	ADDED D212-725-1-199-933

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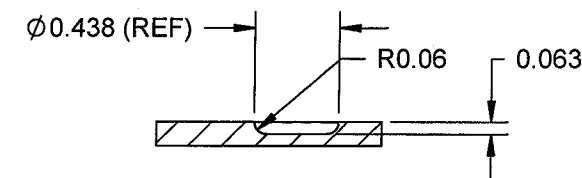
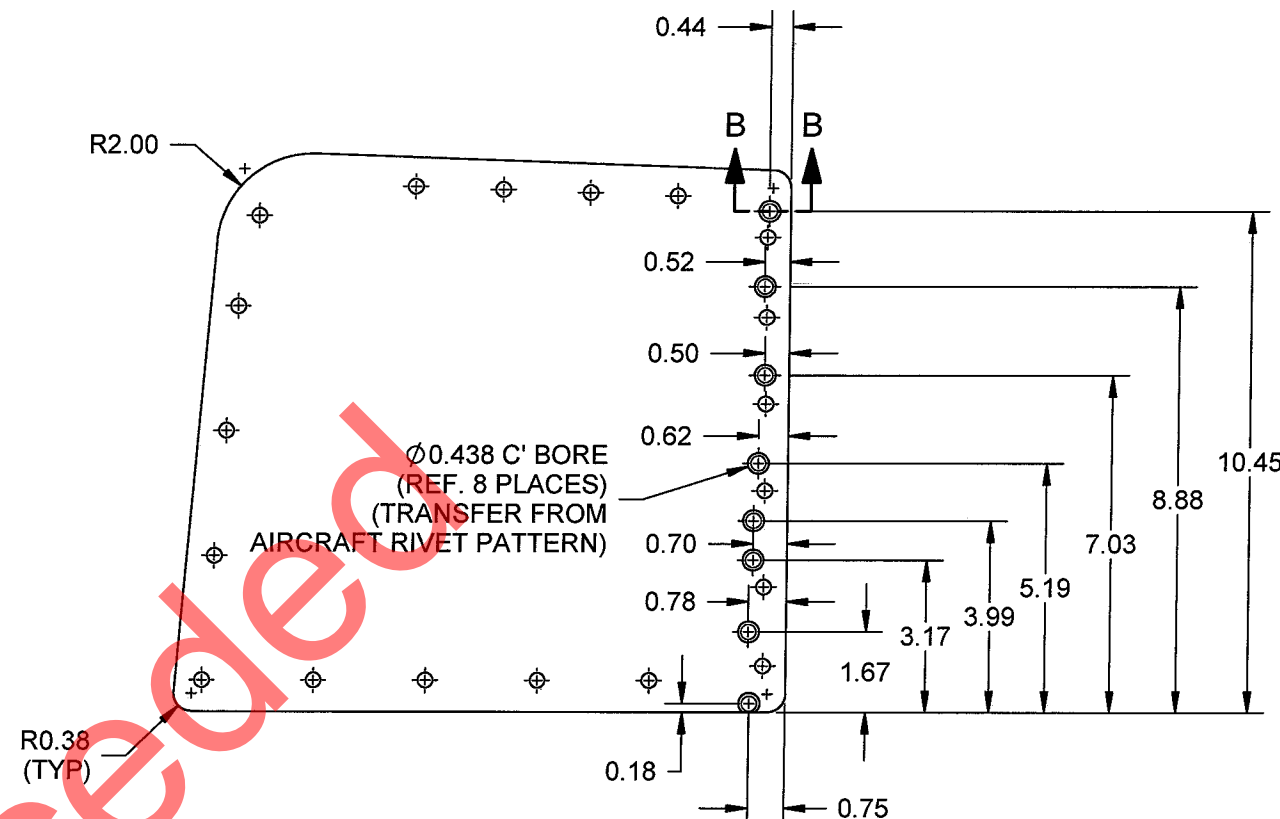
DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
TRANSFER Ø0.313 HOLES FROM AIRCRAFT



SECTION A-A
(19 PLACES TOP SIDE)
SCALE 1 : 1

NOTES:

- 1) MATERIAL: 2024-T3 (QQ-A-250/4) 0.125 THICK, (REF. DART SPEC. M2024T3S.125)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

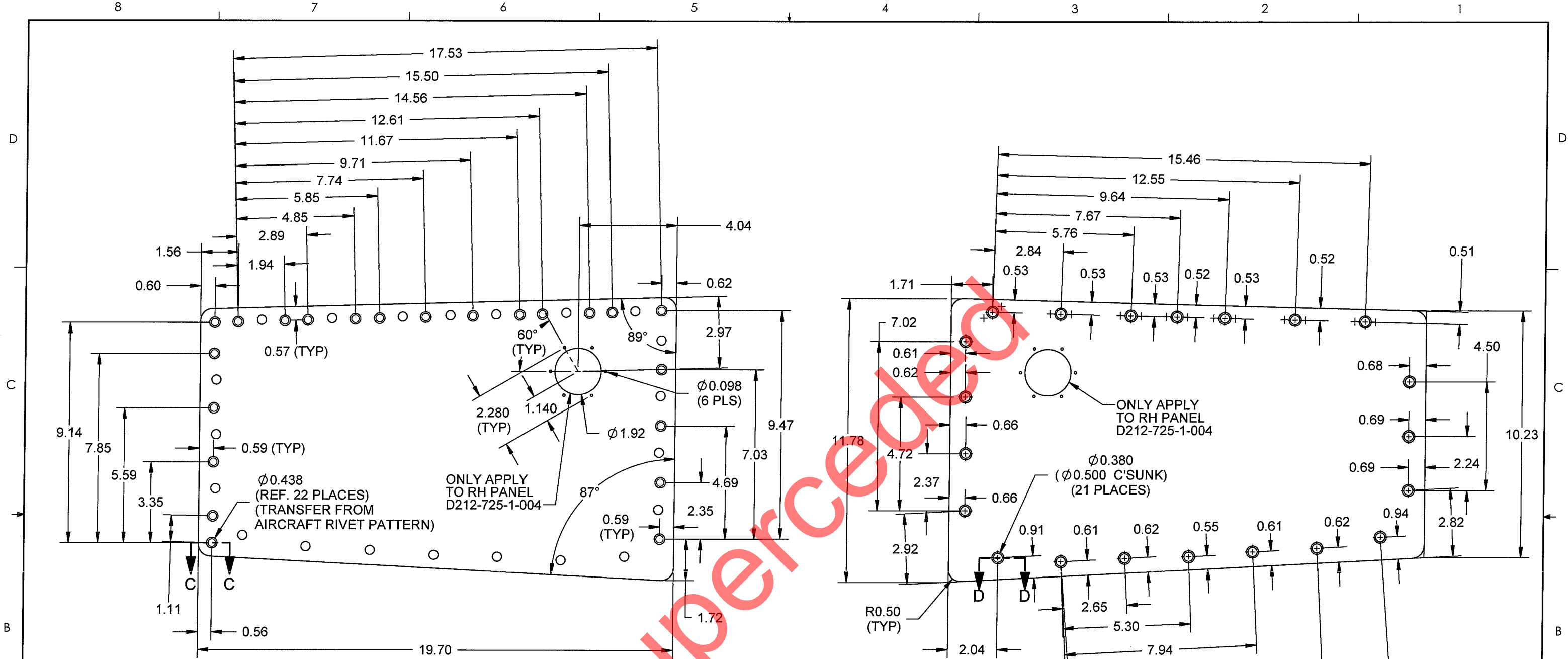


SECTION B-B
(8 PLACES BACK SIDE)
SCALE 1 : 1

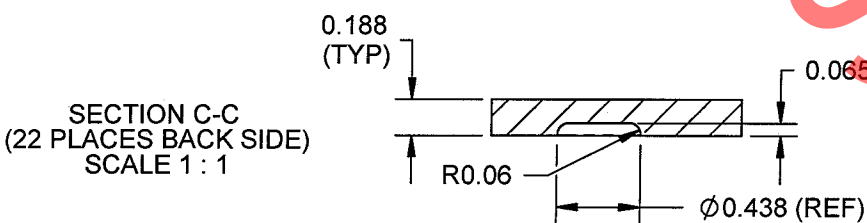
D212-725-1-001 PANEL (SHOWN)
D212-725-1-002 OPPOSITE

RELEASED
08-07-03

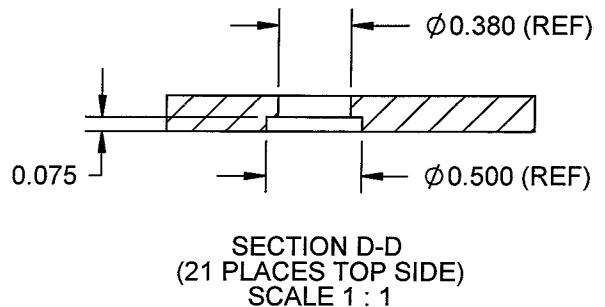
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 1 OF 44 SCALE 1:4
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DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
TRANSFER Ø0.380 HOLES FROM AIRCRAFT



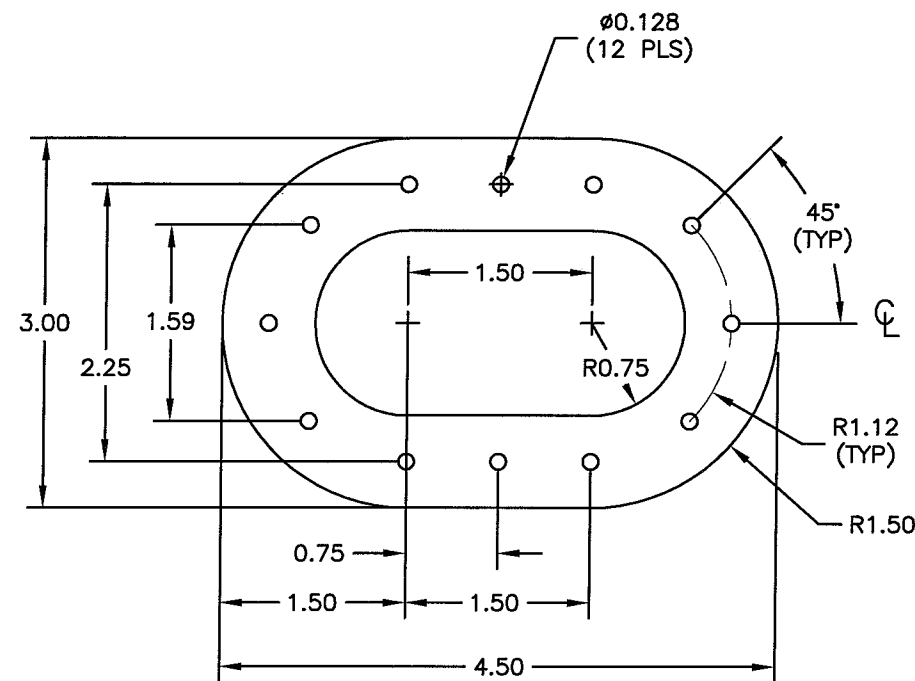
D212-725-1-003 PANEL (SHOWN)
D212-725-1-004 OPPOSITE



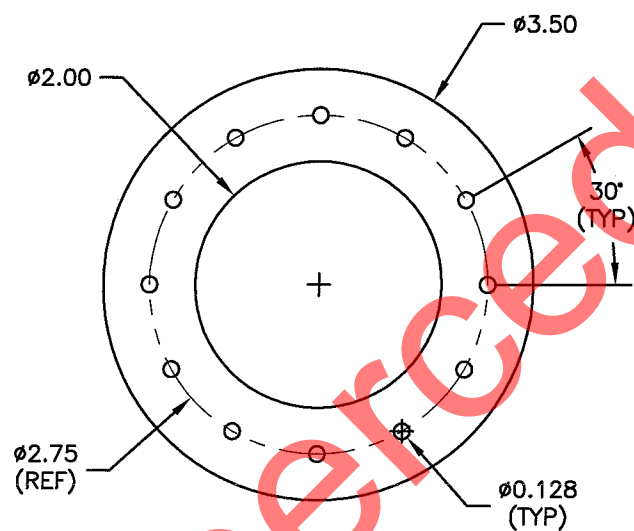
- NOTES:**
- 1) MATERIAL: 6061-T6 SHEET 0.188 THICK PER QQ-A-250/11 (REF. DART SPEC. M6061T6S0.188)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

RELEASED
08-07-03

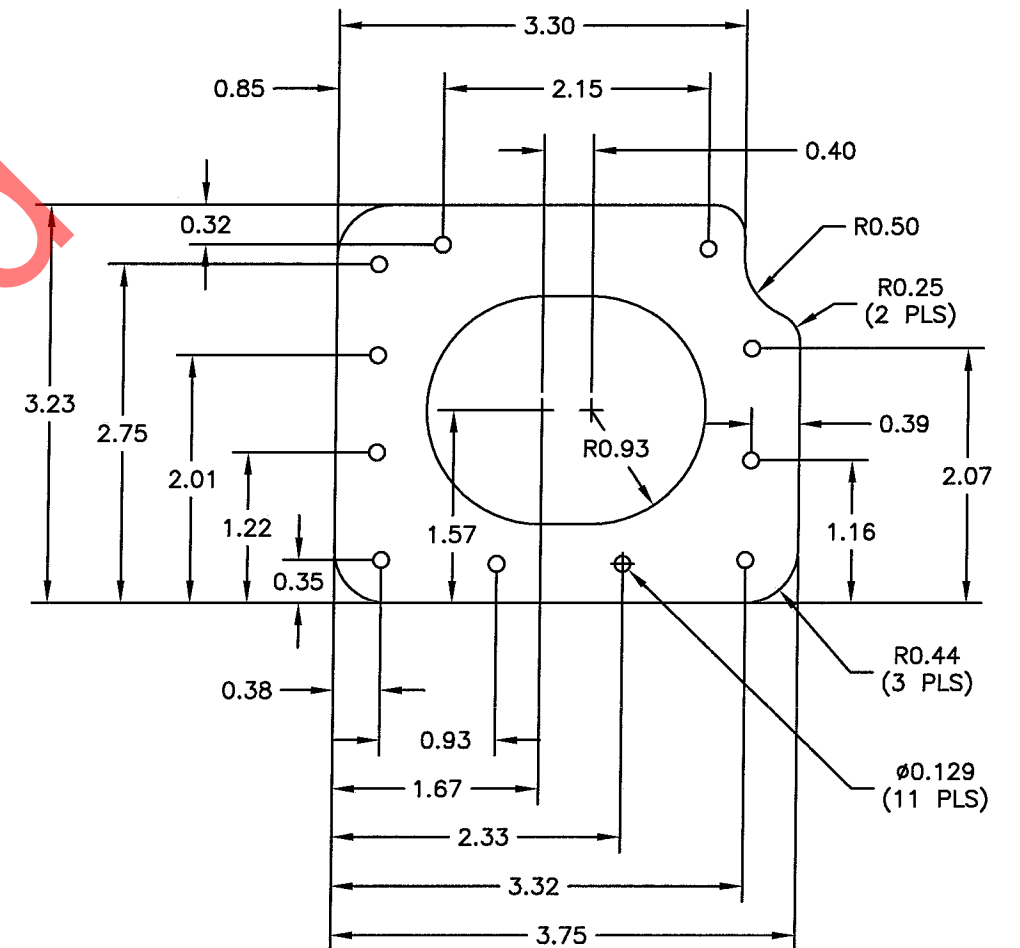
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 2 OF 44 SCALE 1:4
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D212-725-1-005 DOUBLER



D212-725-1-017A DOUBLER



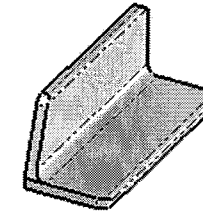
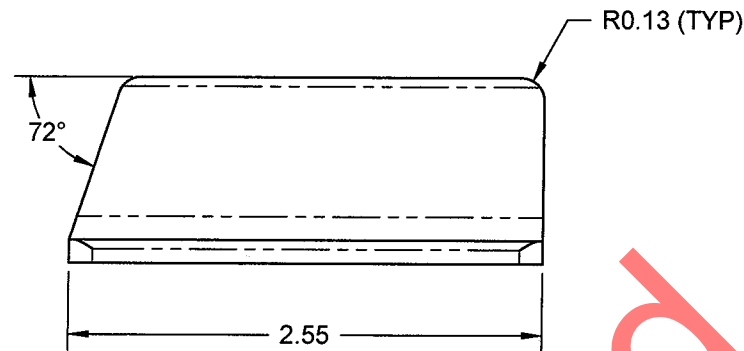
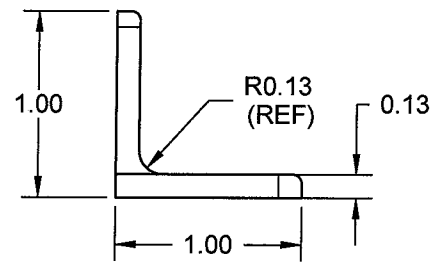
D212-725-1-017B DOUBLER

RELEASED
0807-03-14

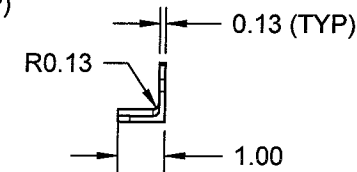
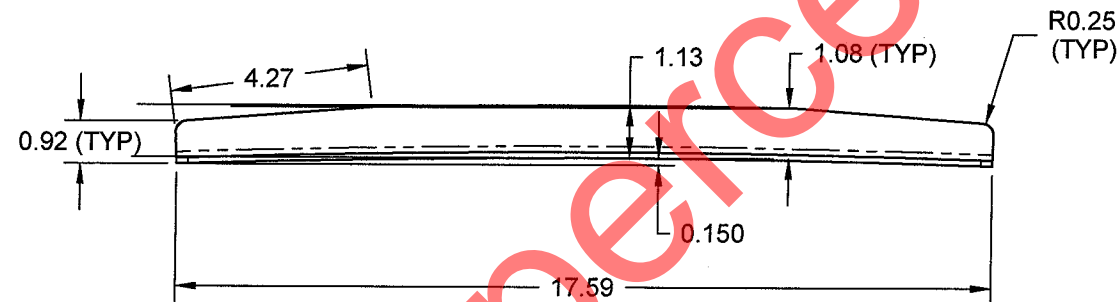
D212-725-1-005/-017A/-017B NOTES:

- 1) MATERIAL: 2024-T3 (QQ-A-250/4) 0.050 ALUMINUM SHEET (REF. DART SPEC. M2024T3S0.050)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN DS	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED <i>[Signature]</i>	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 3 OF 44 SCALE NTS



D212-725-1-011 ANGLE
D212-725-1-012 OPPOSITE
 SCALE 1:1



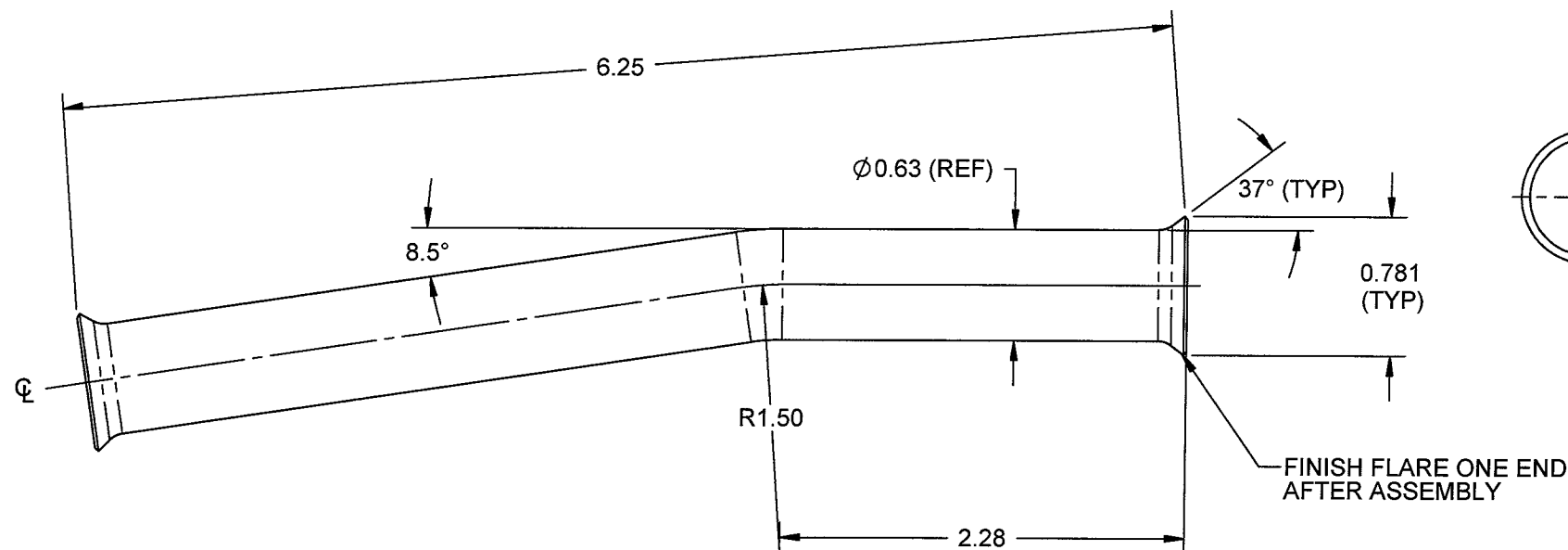
D212-725-1-015 STIFFENER ANGLE
 SCALE 1:8

D212-725-1-011/-012/-015 NOTES:

- 1) MATERIAL: 2024-T3511 (QQ-A-200/3F) ANGLE EXTRUSION
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

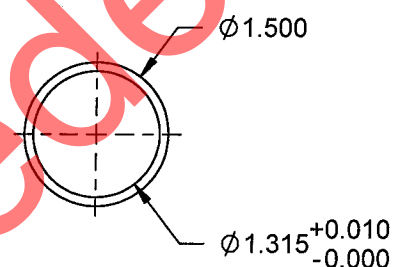
RELEASED
 08-07-03 MD

DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. D SHEET 5 OF 67
DATE 08.03.14		TITLE 212S DETAIL PARTS	SCALE 1:2
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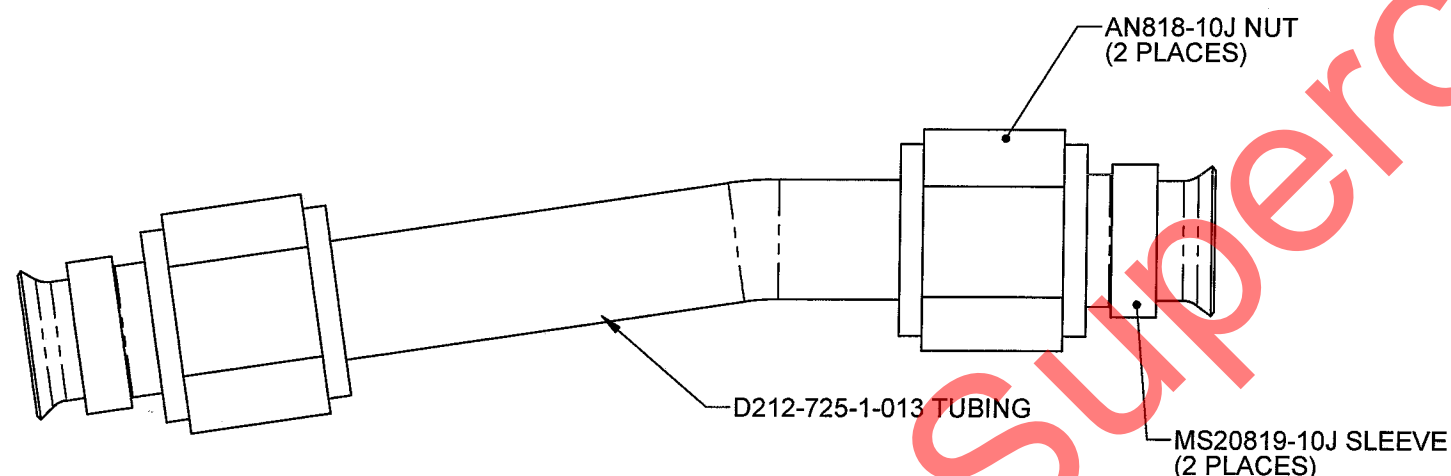


D212-725-1-013 TUBING
MANUFACTURE PER TEMPLATE DT8906

D212-725-1-025 SPACER
SCALE 1:2



D212-725-1-027 SPACER
SCALE 1:2



D212-725-1-903 TUBE ASSEMBLY

D212-725-1-025/-027 NOTES:

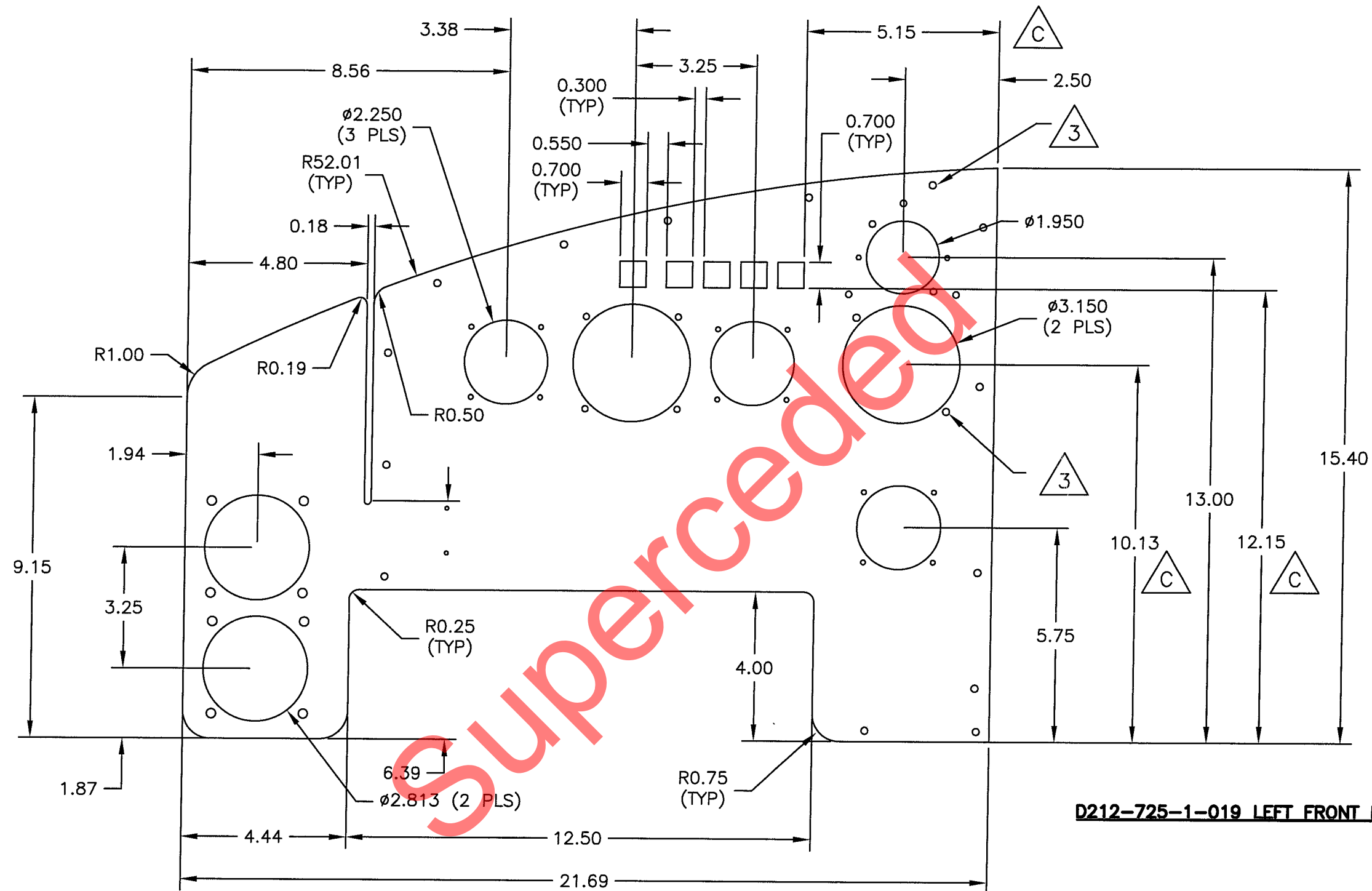
- 1) MATERIAL: 6061-T6 OR 6061-T62 (QQ-A-200/8 OR QQ-A-225/8) ALUMINUM (REF. DART SPEC. M6061TX.XXXW.XXX OR M6061T6R)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

D212-725-1-013 NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL TUBING 0.625 O.D. x 0.035 WALL (REF. DART SPEC. M304TR0.625W0.035)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

RELEASED
08-07-03 MLD

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 6 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:1
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D212-725-1-019 LEFT FRONT PANEL

NOTES:

- 1) MATERIAL: 6061-T6 (QQ-A-250/11) OR 2024-T3 (QQ-A-250/4) SHEET 0.125 THICK
(REF. DART SPEC. M6061T6S.125 OR M2024T3S.125)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR
PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TRANSFER HOLES FROM INSTRUMENTS, STIFFENERS AND VENTS (TYPICAL)
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

RELEASED
08-07-03

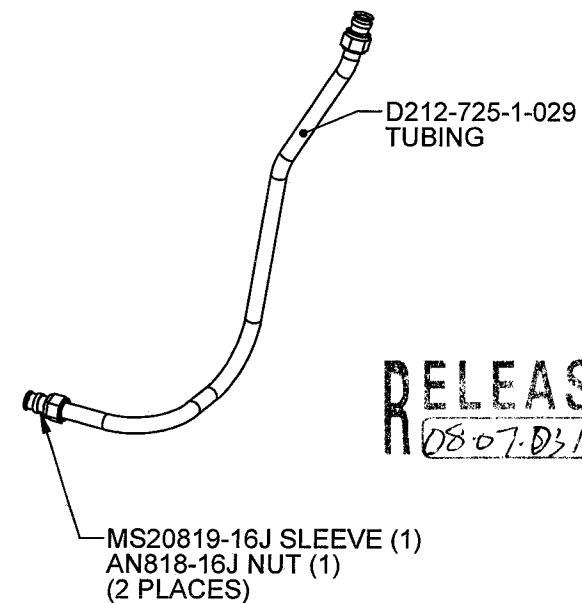
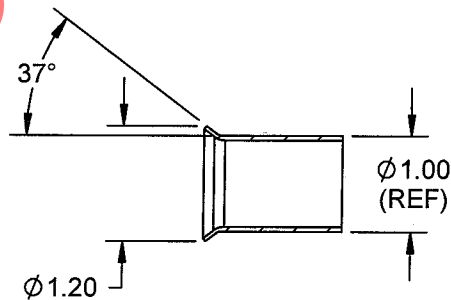
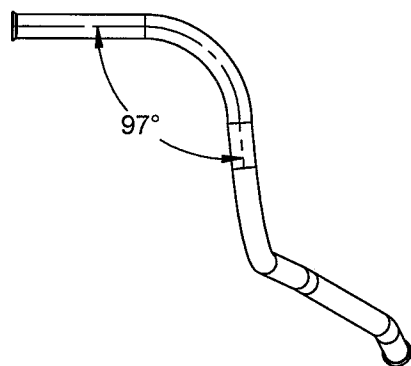
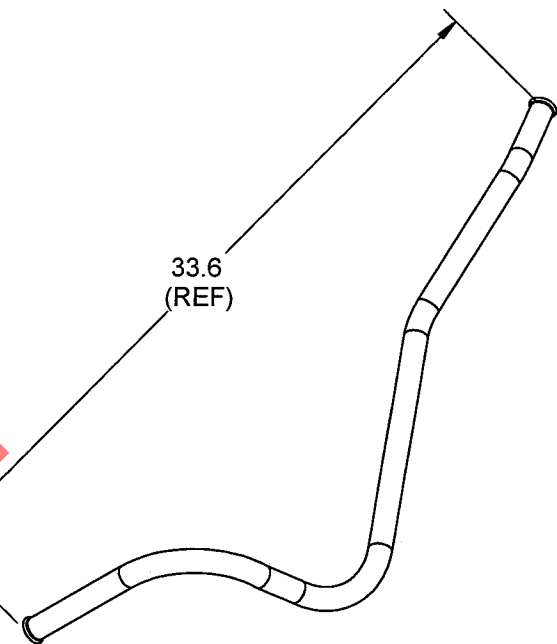
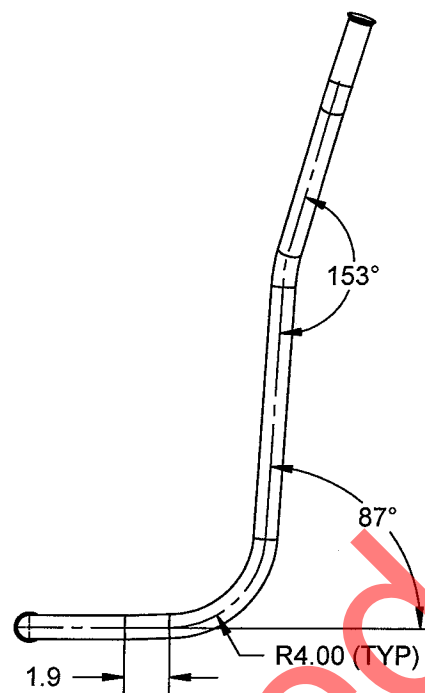
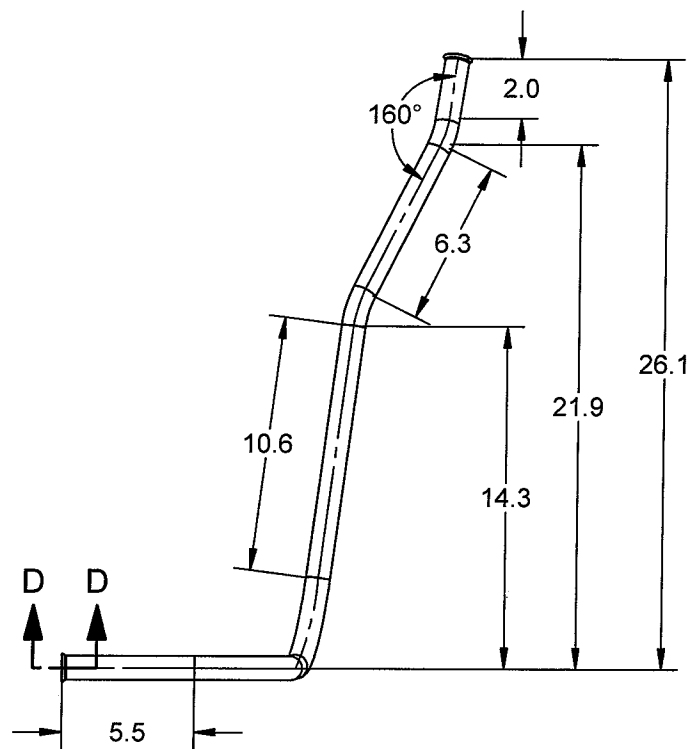
DESIGN RD	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. C
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	SHEET 7 OF 49
DATE 07.12.04	TITLE 212S DETAIL PARTS	SCALE 1:3	

Technical drawing of a floor plan showing dimensions and structural elements. The drawing includes a large rectangular area with a grid of circles and a smaller rectangular area on the left. Dimensions are provided in feet and inches. Key features include:

- Overall dimensions: 14.20 (width) x 15.40 (depth).
- Grid of circles: 10 circles in a 5x2 grid, with diameters of $\phi 1.950$ (11 PLS) and $\phi 0.600$ (4 PLS).
- Structural elements: A large rectangular area on the left (6.750 x 0.76) and a smaller rectangular area on the right (1.375 x 1.062).
- Dimensions: 8.70, 7.20, 5.70, 3.35, 1.30, 3.90, 0.700, 1.65, 2.00, 1.00, 2.28, 1.062, 1.21, 1.375, 0.700, 0.630, 0.500, 0.600, 1.50, 3.75, 4.25, 6.50, 8.75, 11.00, 15.40, 0.70, 5.750, 14.20.
- Labels: "C" (center), "3" (triangle), "C" (triangle), "C" (triangle).

RELEASED
08-07-03

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RELEASED
080703MD

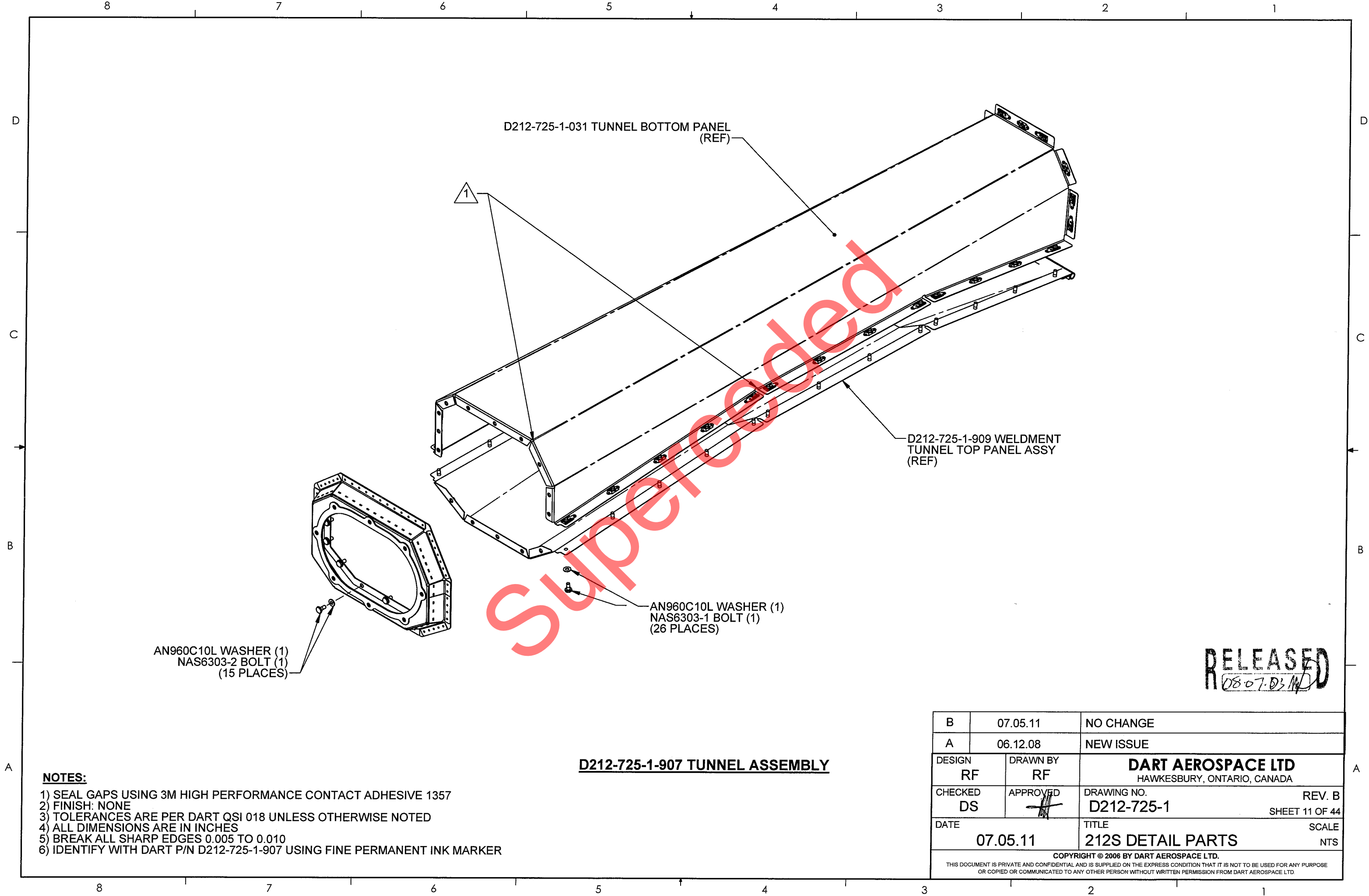
D212-725-1-029 TUBING
MANUFACTURE PER TEMPLATE DT8907

SECTION D-D
(FINISH FLARE ONE END
AFTER ASSEMBLY)
SCALE 1 : 2
(2 PLACES)

D212-725-1-905 TUBE ASSEMBLY


- NOTES:**
- 1) MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL 1.00 O.D. x 0.049 WALL
(REF. DART SPEC. M304TR1.000W.049)
 - 2) FINISH: NONE
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 6) IDENTIFY ASSEMBLY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

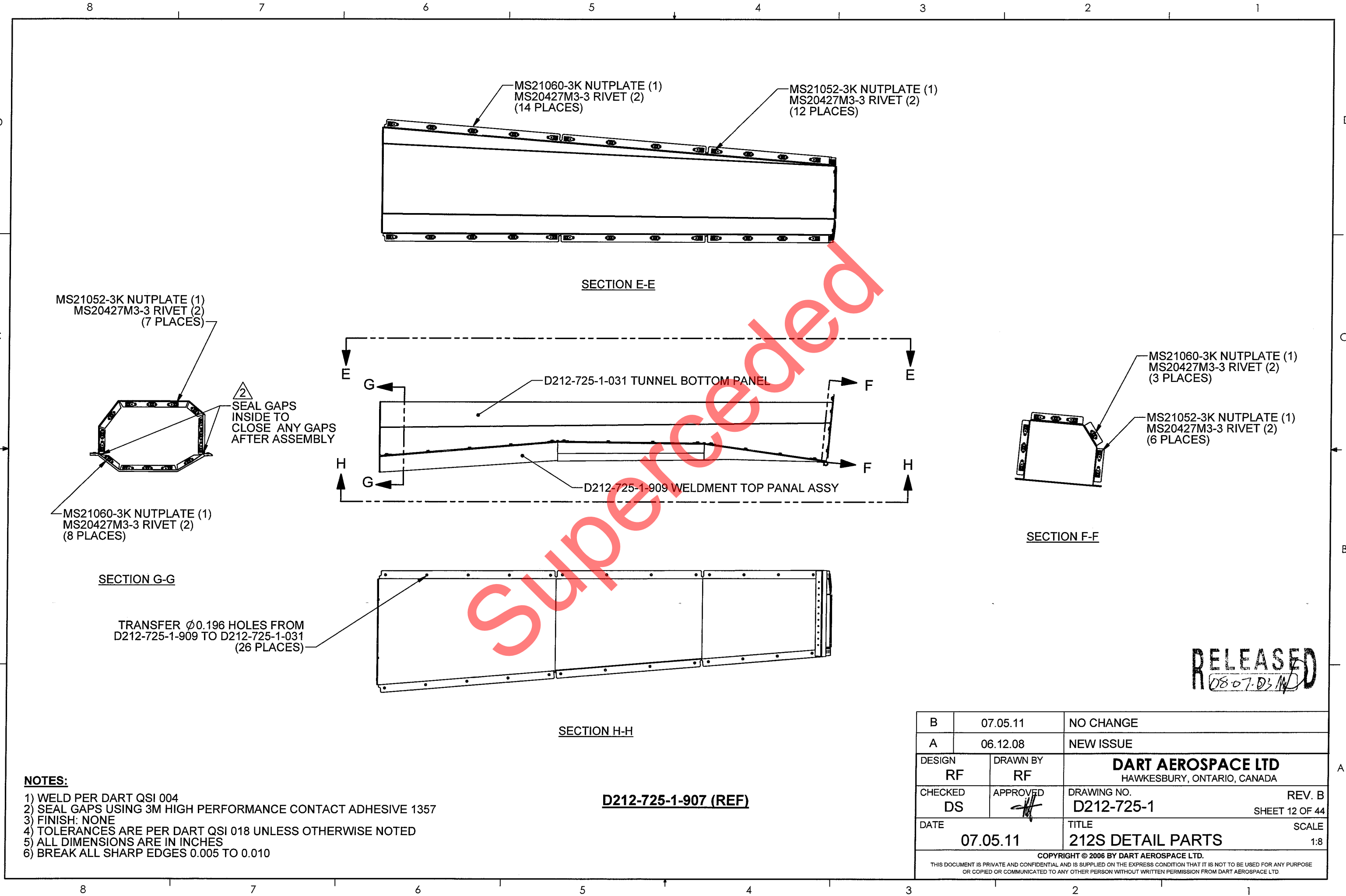
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED <i>[Signature]</i>	DRAWING NO. D212-725-1 REV. B SHEET 10 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:8
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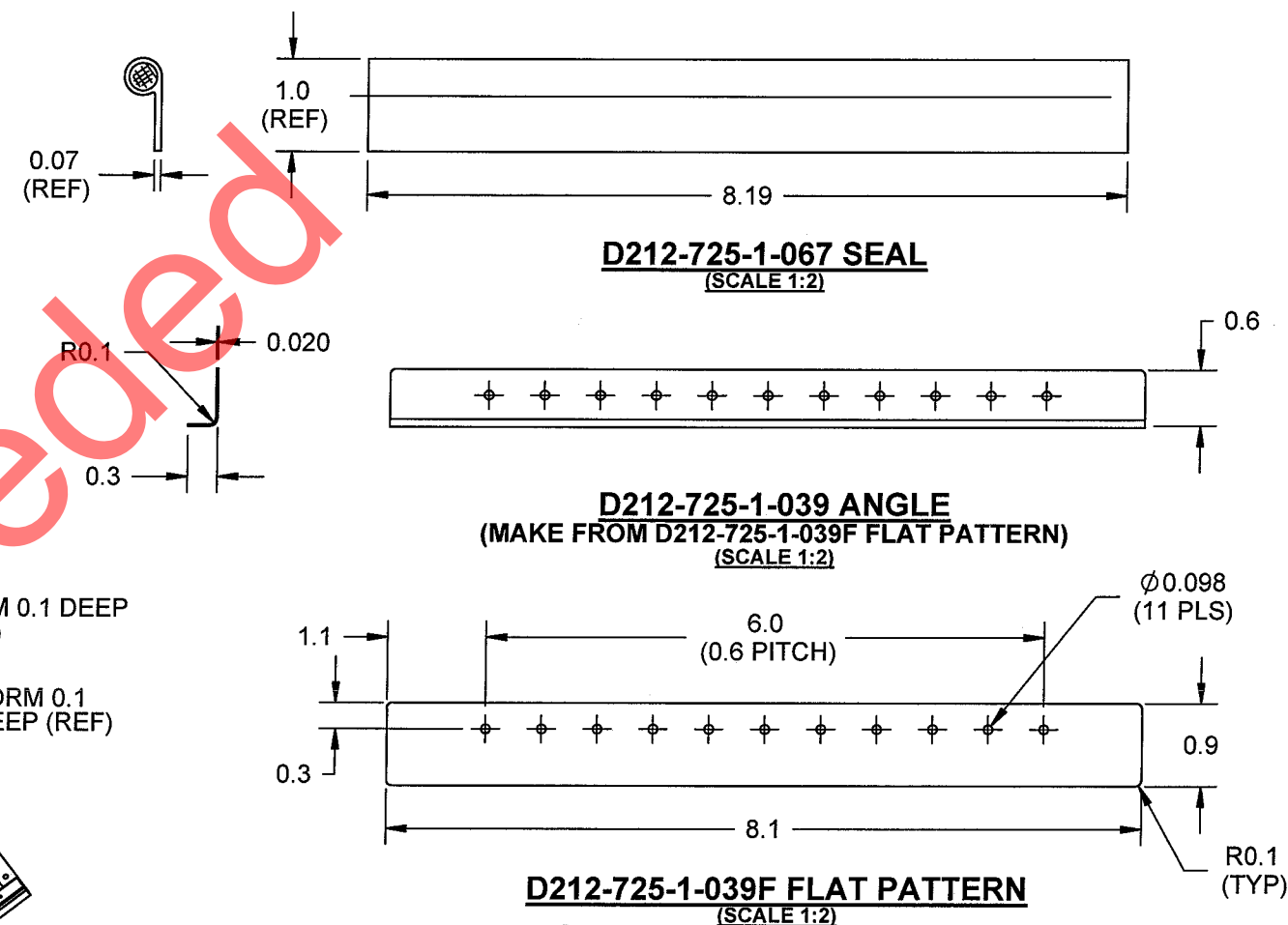
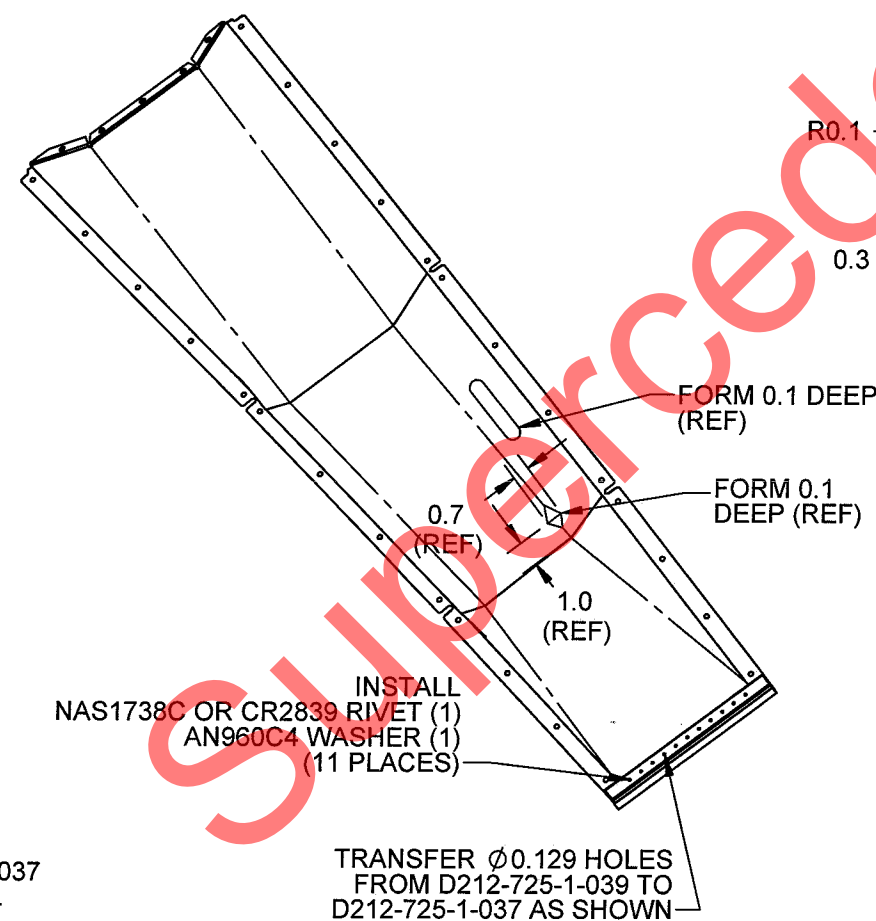
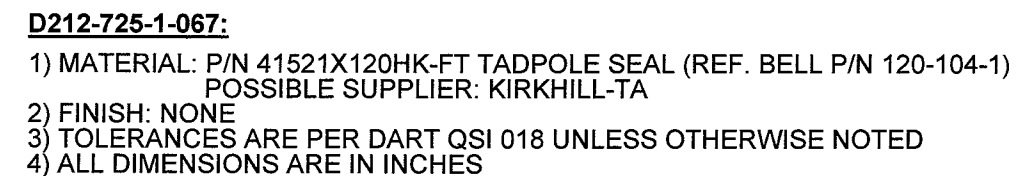


- NOTES:**
- 1) SEAL GAPS USING 3M HIGH PERFORMANCE CONTACT ADHESIVE 1357
 - 2) FINISH: NONE
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 6) IDENTIFY WITH DART P/N D212-725-1-907 USING FINE PERMANENT INK MARKER

D212-725-1-907 TUNNEL ASSEMBLY

B	07.05.11	NO CHANGE	
A	06.12.08	NEW ISSUE	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 11 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE NTS	
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D212-725-1-039 NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC.M304S25GA)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

D212-725-1-909 WELDMENT TOP PANEL ASSY
(WELD PER DART QSI 004)

RELEASED
08-07-03

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 13 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:8
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8

7

6

5

4

3

2

1

D

C

B

A

D


C

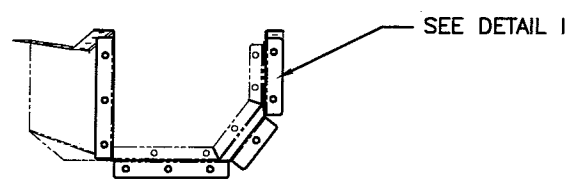
B

A

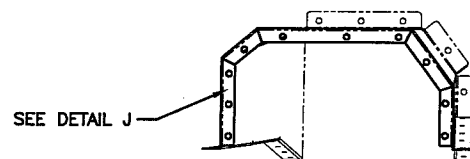
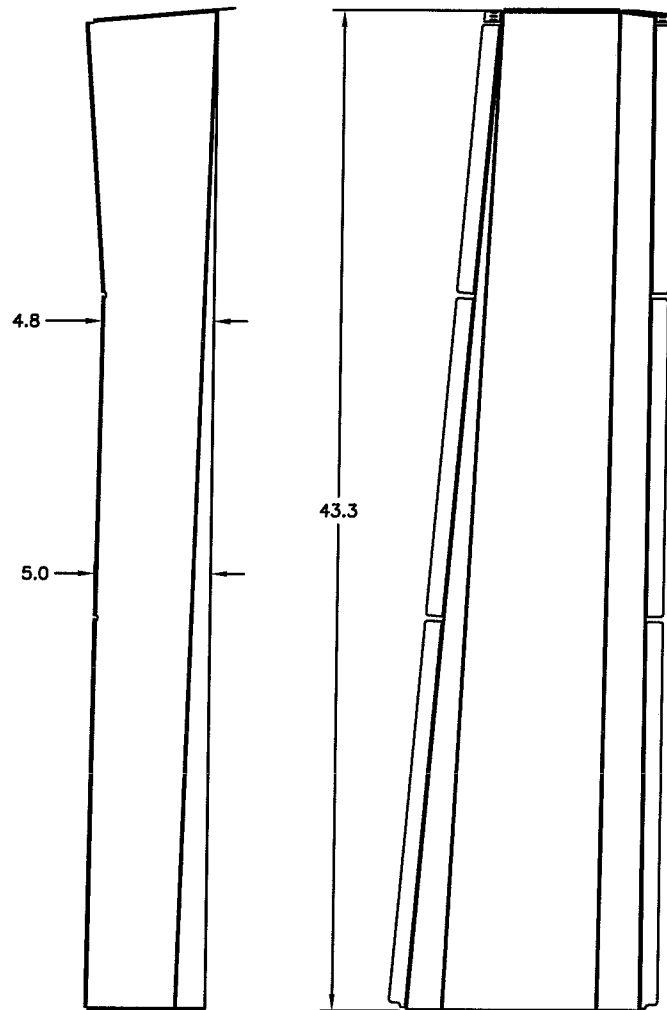
D212-725-1-049
OUTSIDE DOUBLERD212-725-1-053
GASKETD212-725-1-047
INSIDE DOUBLERMS21060-3K NUTPLATE (1)
MS20427M3-3 RIVET (2)
(8 PLACES)0.3 TO 0.4
AS REQUIRED
(TYP)D212-725-1-043
TOP FLANGEINSTALL NAS1738C OR
CR2839 RIVETS (9)
(AT THIS FACES AT SHOWN)2.4
(0.3 PITCH)D212-725-1-051
GASKETD212-725-1-041
BASED212-725-1-045
BOTTOM FLANGEGTAW
GRIND FLAT TO
CLEAR FASTENERS
(2 PLACES)INSTALL NAS1738C OR
CR2839 RIVETS (5), 0.5 PITCH
(AT THIS FACES AT SHOWN)TRANSFER $\phi 0.129$ HOLES
FROM D212-725-1-043/-045
INTO D212-725-1-053
& D212-725-1-049
(TYP)INSTALL NAS1738C OR
CR2839 RIVETS (3), 0.7 PITCH
(AT THIS FACES AT SHOWN)INSTALL NAS1738C OR
CR2839 RIVETS (7), 0.5 PITCH
(AT THIS FACES AT SHOWN)INSTALL NAS1738C OR
CR2839 RIVETS (4), 0.5 PITCH
(AT THIS FACES AT SHOWN)INSTALL NAS1738C OR
CR2839 RIVETS (11), 0.5 PITCH
(AT THIS FACES AT SHOWN)INSTALL NAS1738C OR
CR2839 RIVETS (6), 0.5 PITCH
(AT THIS FACES AT SHOWN)TRANSFER $\phi 0.250$ HOLES
FROM D212-725-1-907
SECTION G-G INTO
D212-725-1-047 & D212-725-1-053NAS1738C OR
CR2839 RIVET (1)
(60 PLACES)D212-725-1-041 BASE
(REF)INSTALL D212-725-1-051
USING 1357 ADHESIVERELEASED
08-07-03 M**D212-725-1-911 AFT BASE ASSEMBLY****NOTES:**

- 1) WELD PER QSI 004
- 2) SEAL GAPS USING 3M HIGH PERFORMANCE CONTACT ADHESIVE 1357
- 3) FINISH: NONE
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010

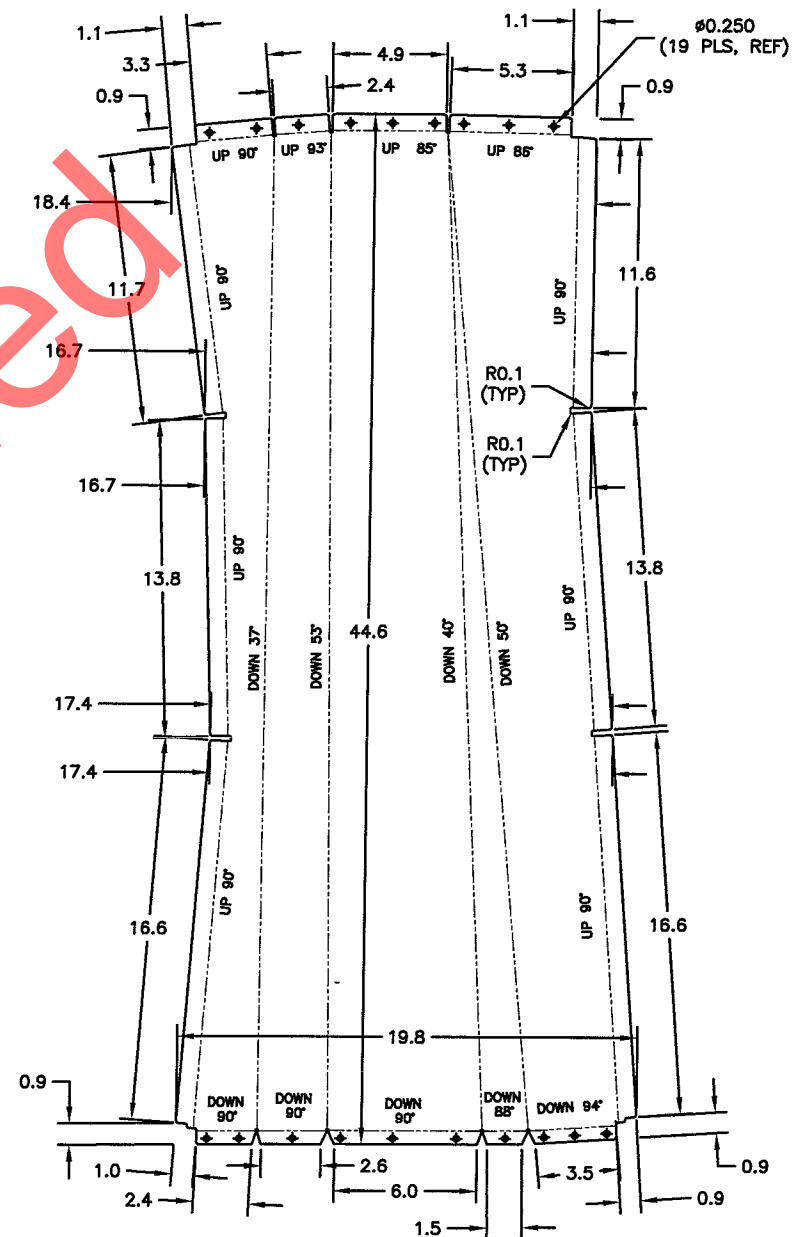
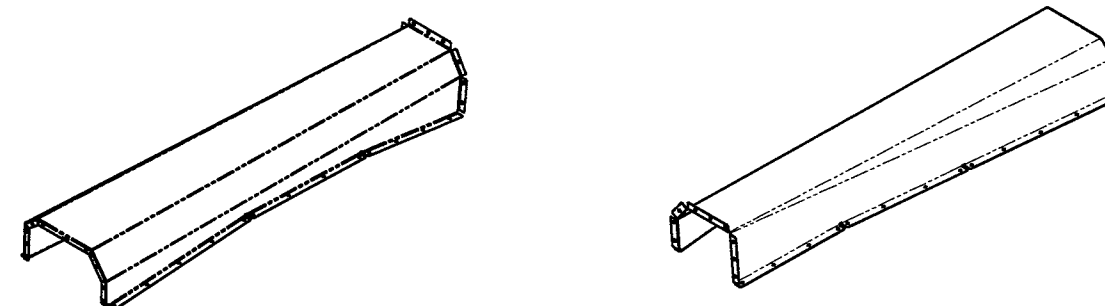
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 14 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:4
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SEE DETAIL I



SEE DETAIL J



D212-725-1-031F
FLAT PATTERN

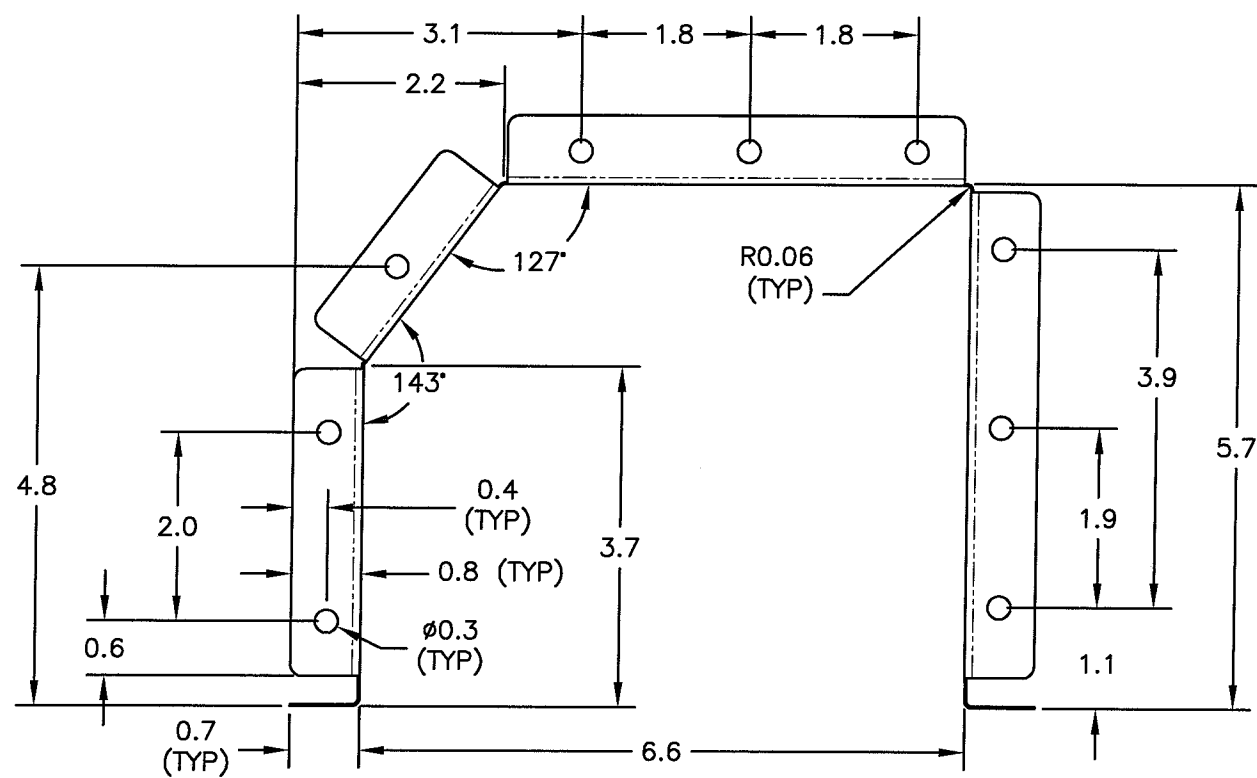
RELEASED
08-07-03 MD

NOTES:

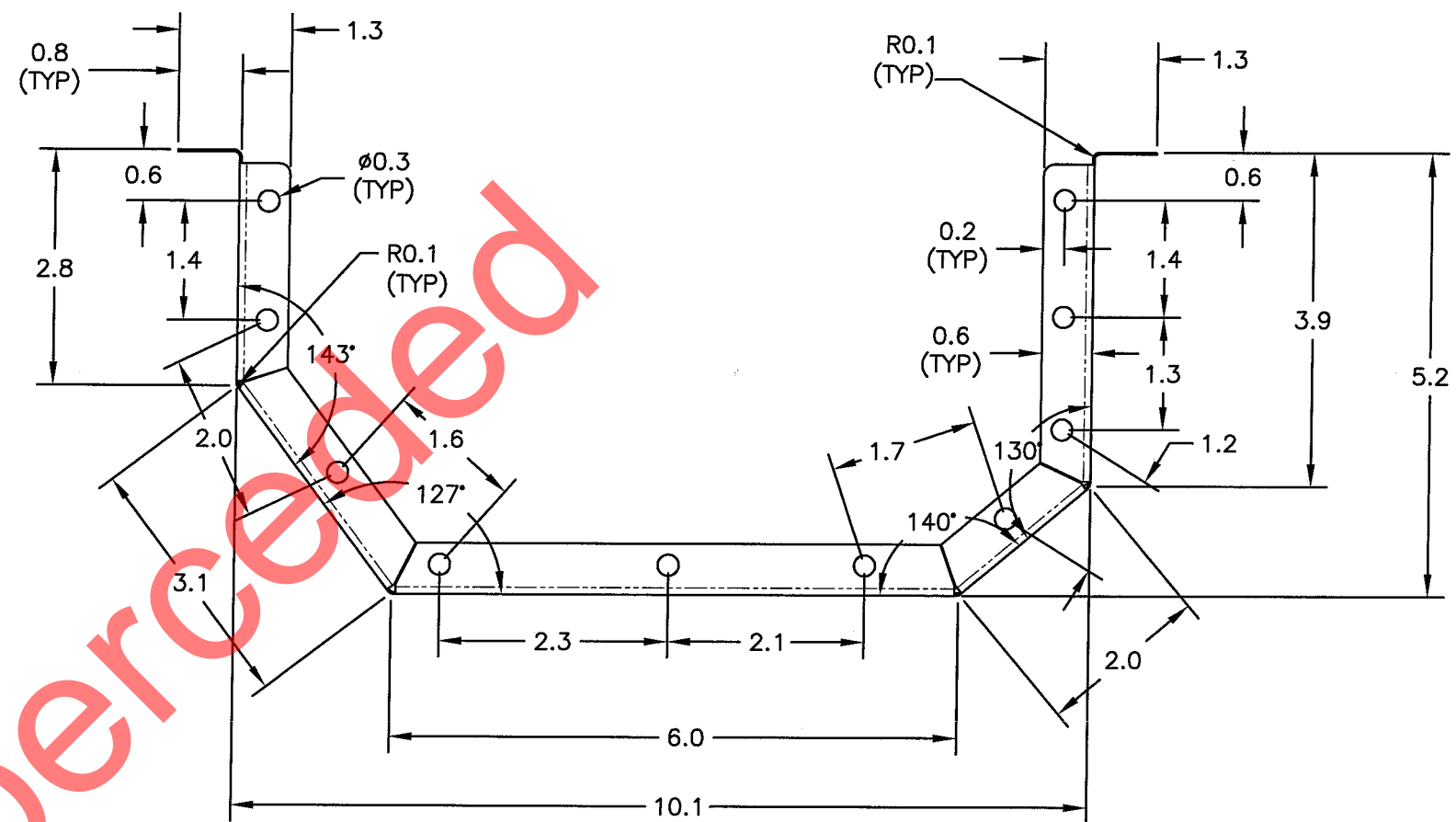
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE FLAT PATTERN PER DRAWING "D212-725-1.A15"

D212-725-1-031 TUNNEL BOTTOM PANEL

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED <i>[Signature]</i>	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 15 OF 44 SCALE 1:8



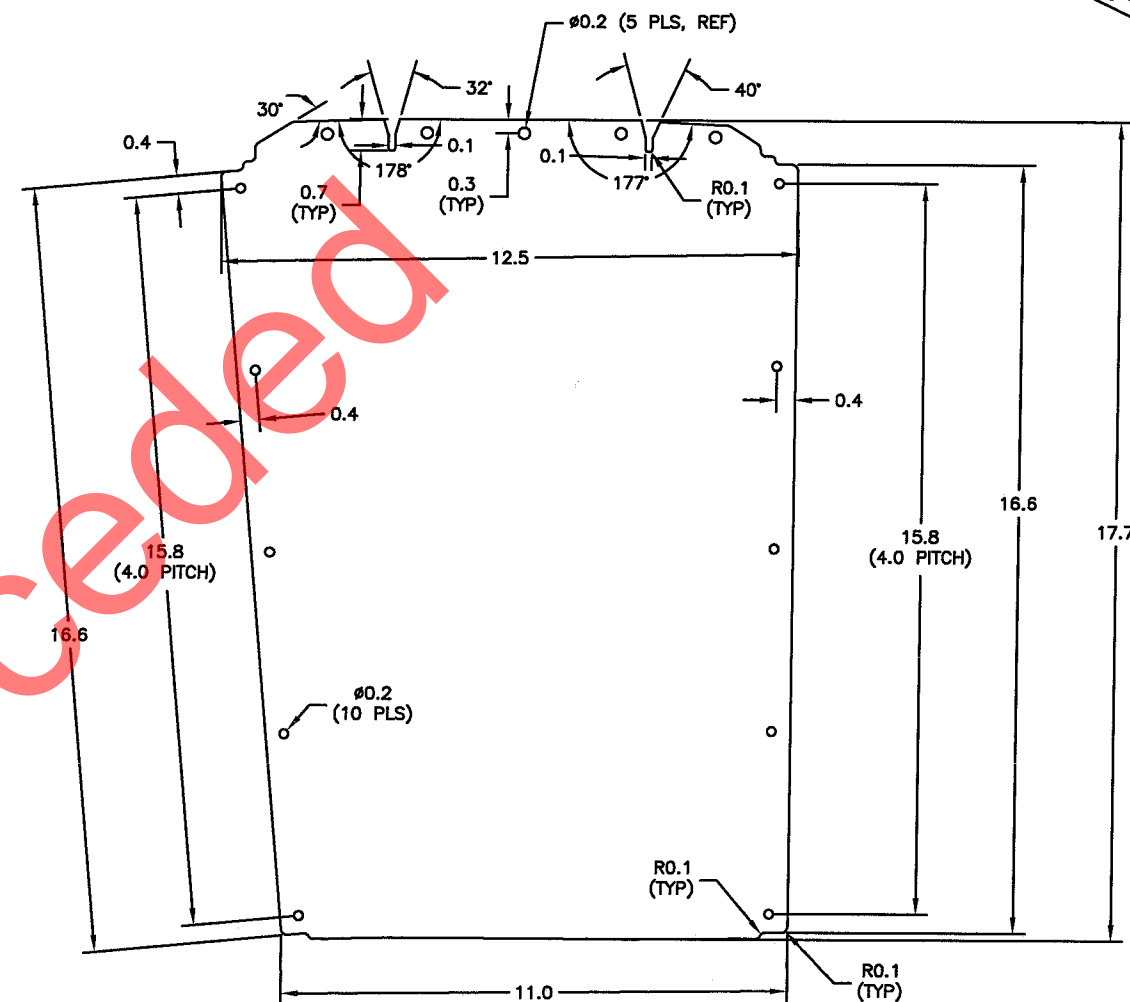
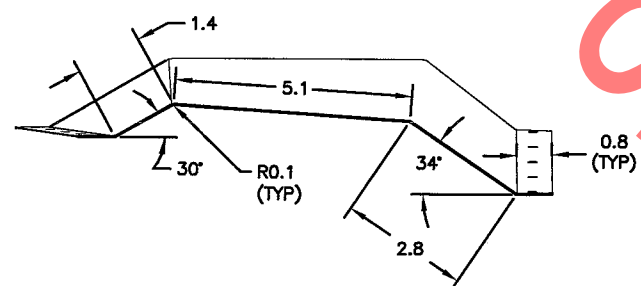
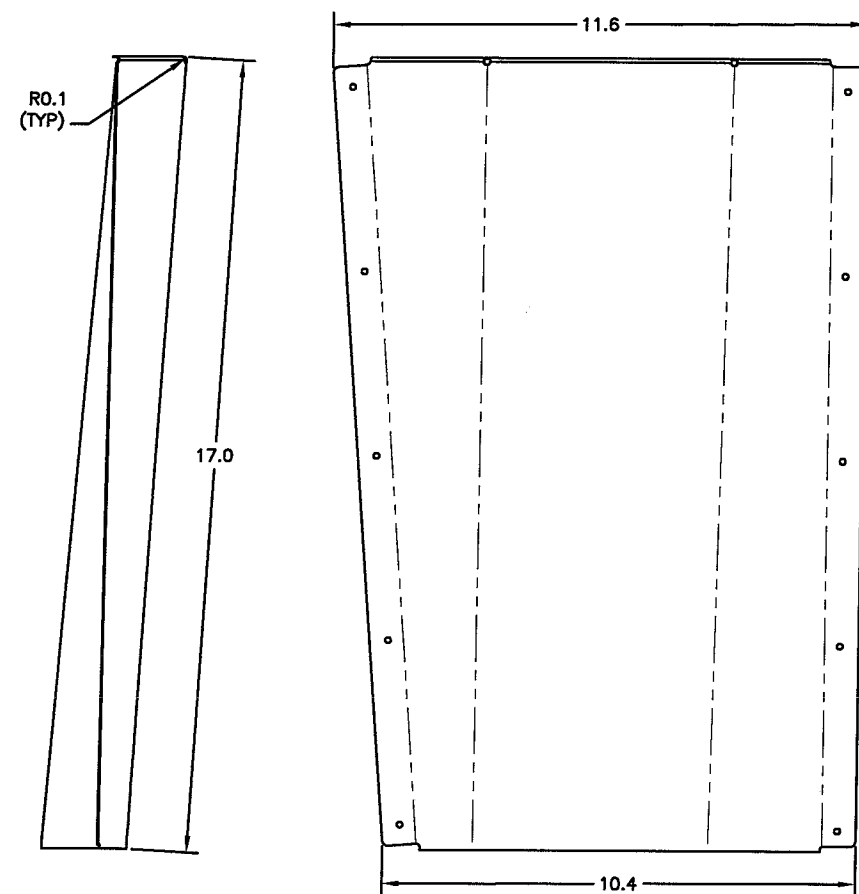
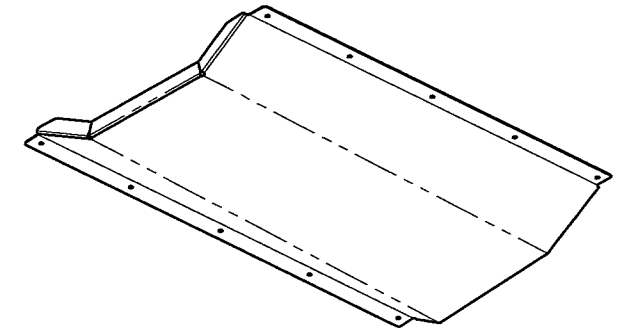
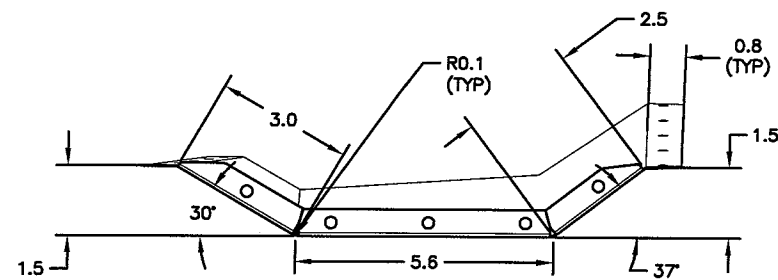
D212-725-1-031
DETAIL I



D212-725-1-031
DETAIL J

RELEASED
080703M

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED <i>[Signature]</i>	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 16 OF 44 SCALE 1:2



D212-725-1-033F FLAT PATTERN

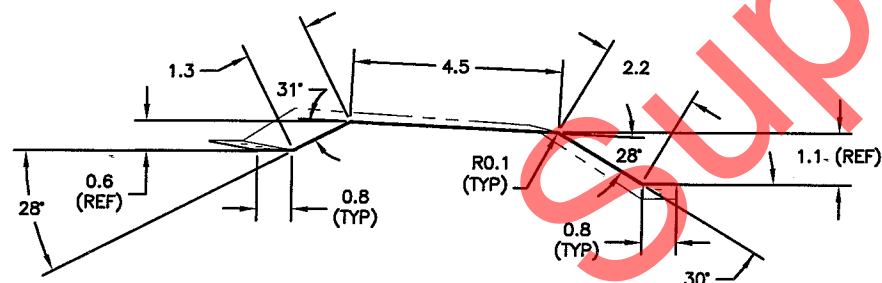
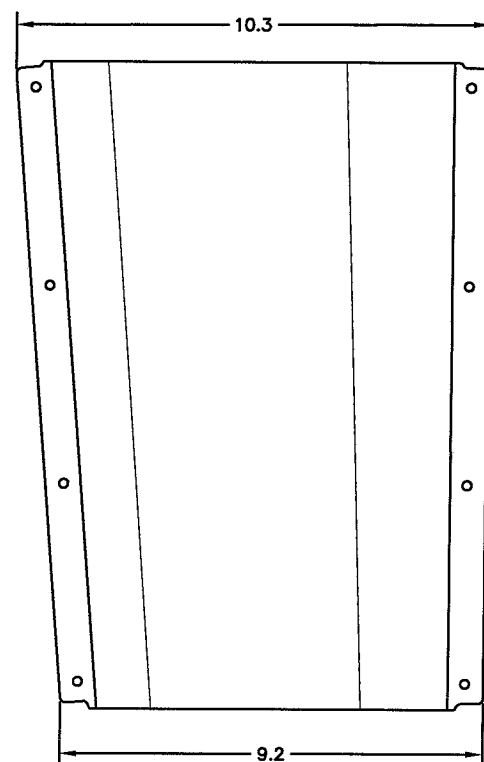
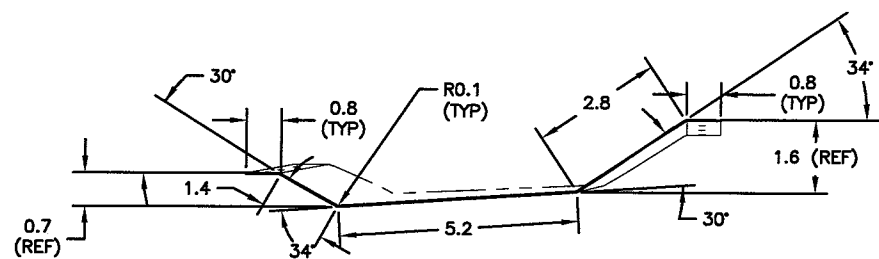
D212-725-1-033 AFT TOP TUNNEL PANEL
(MAKE FROM D212-725-1-033F FLAT PATTERN)

RELEASED
08-07-03 MD

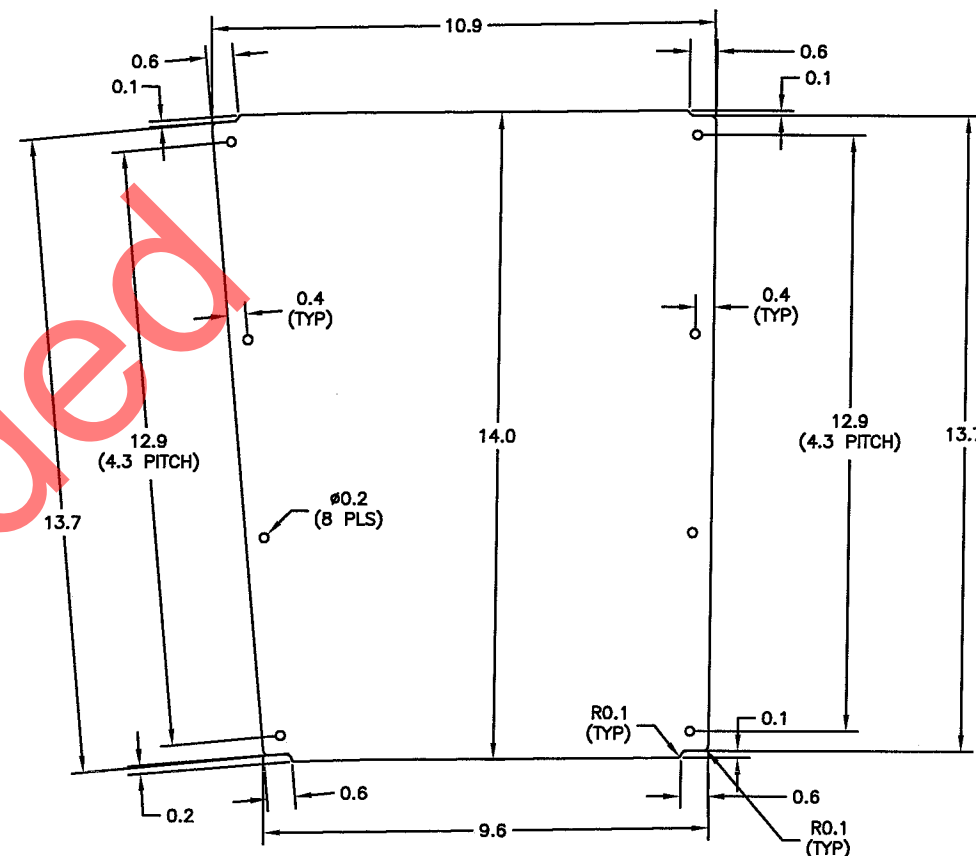
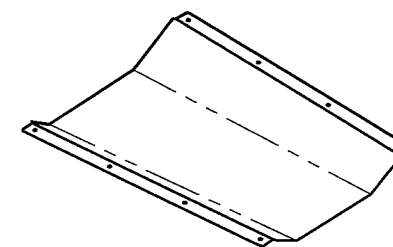
NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE PER DRAWING "D212-725-1-A17.DWG"

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 17 OF 44 SCALE 1:4



D212-725-1-035 CENTER TOP TUNNEL PANEL
(MAKE FROM D212-725-1-035F FLAT PATTERN)



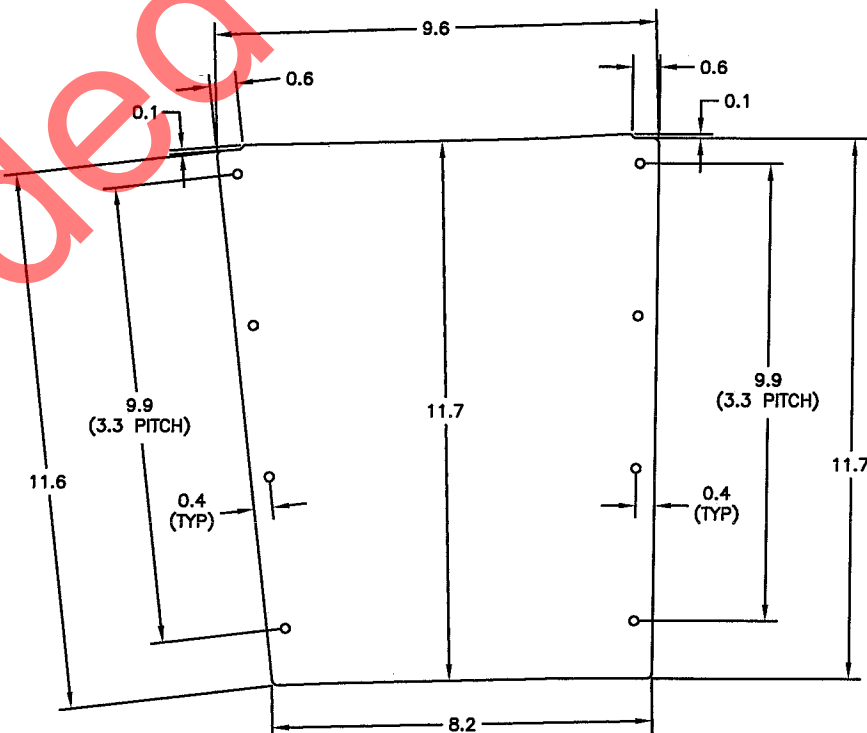
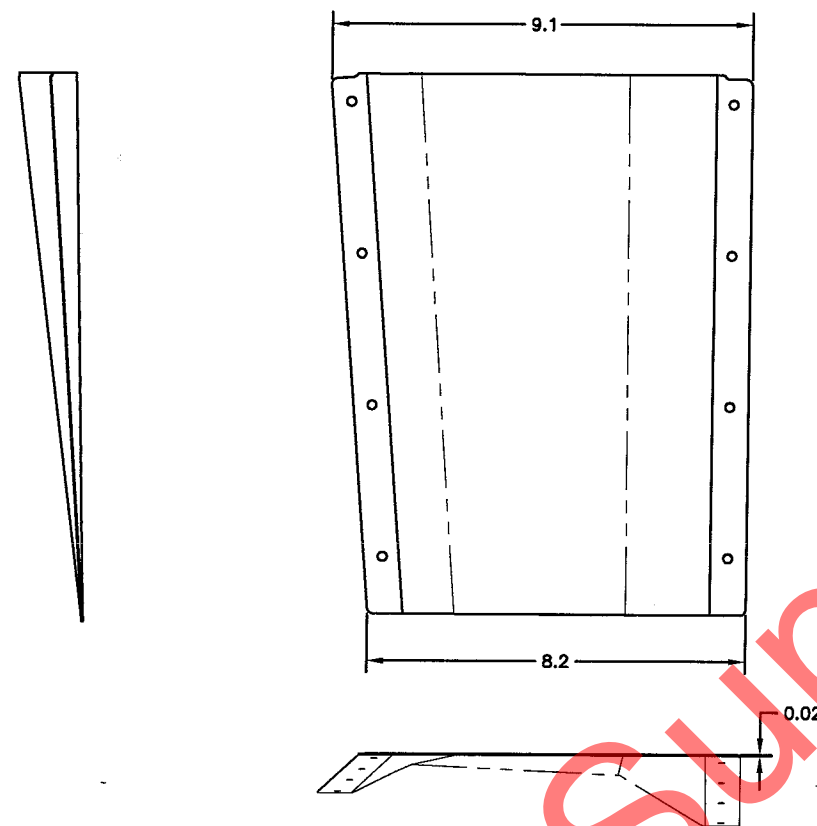
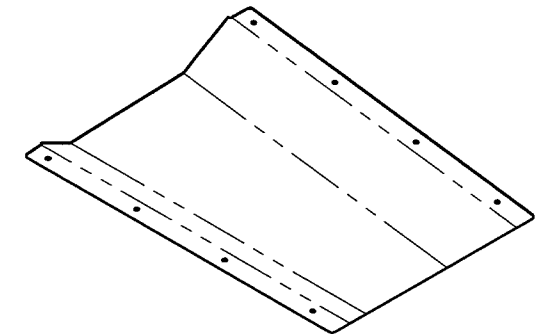
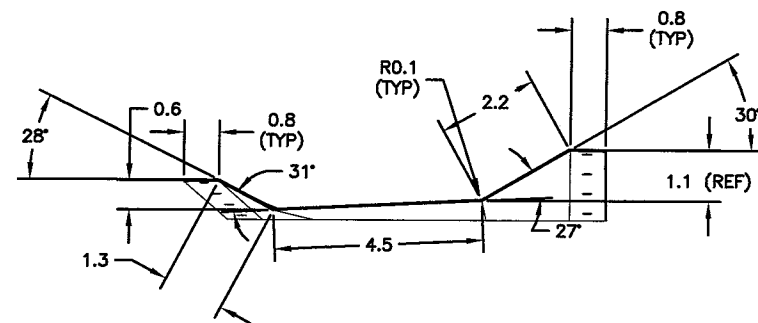
D212-725-1-035F FLAT PATTERN

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE PER DRAWING "D212-725-1-A18"

RELEASED
08-07-03 MD

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 18 OF 44 SCALE 1:4



D212-725-1-037 FWD TOP TUNNEL PANEL
(MAKE FROM D212-725-1-037F FLAT PATTERN)

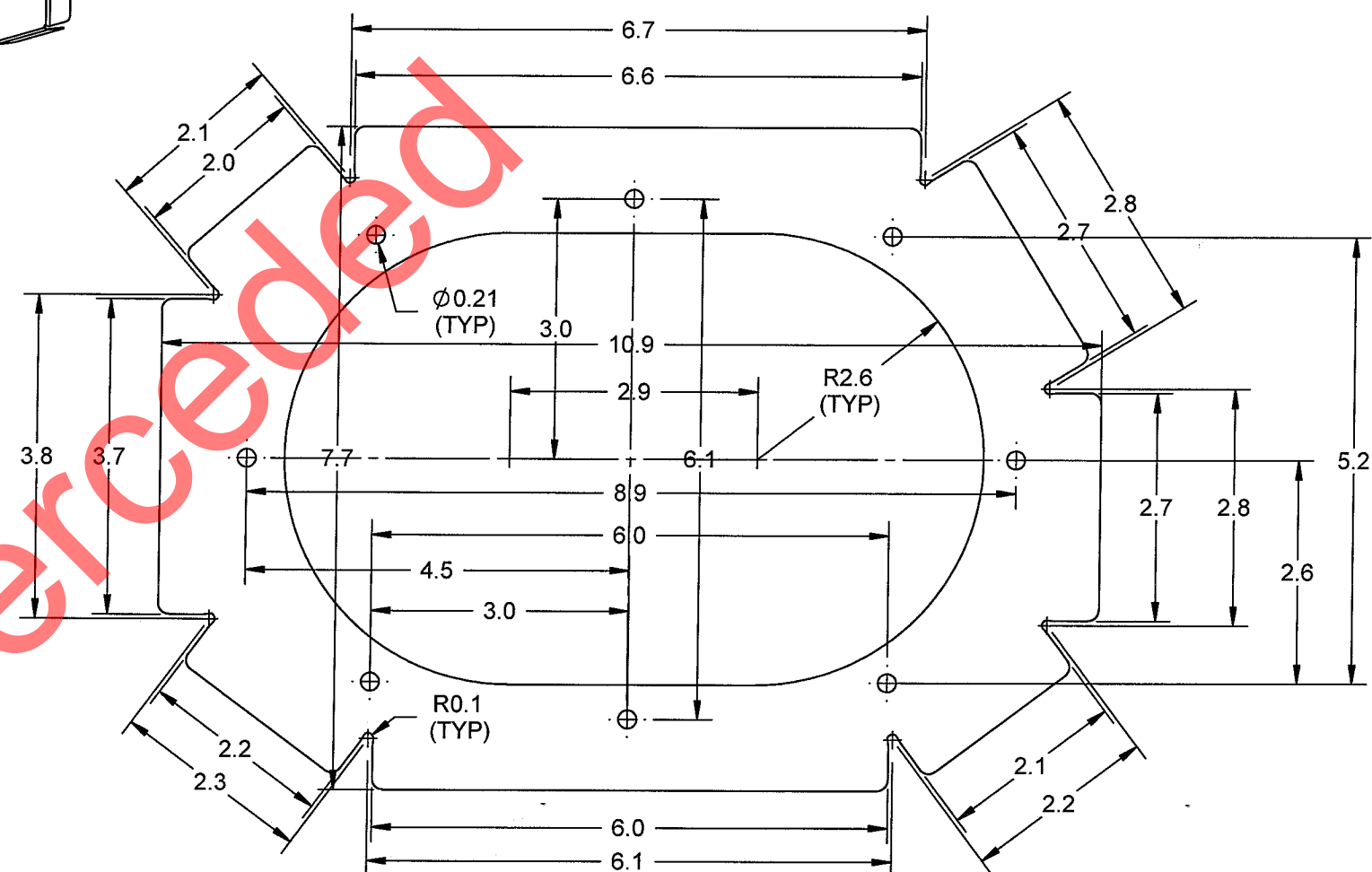
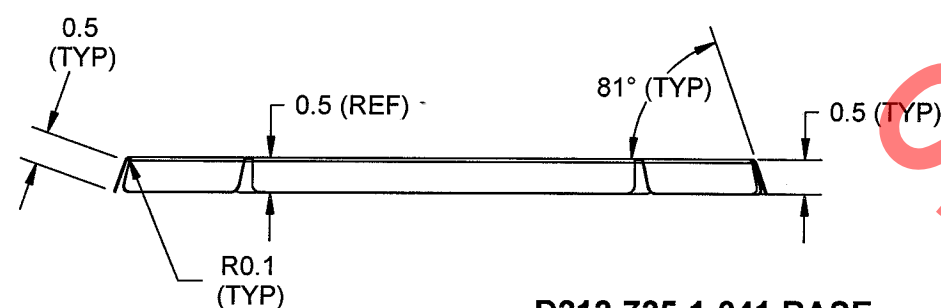
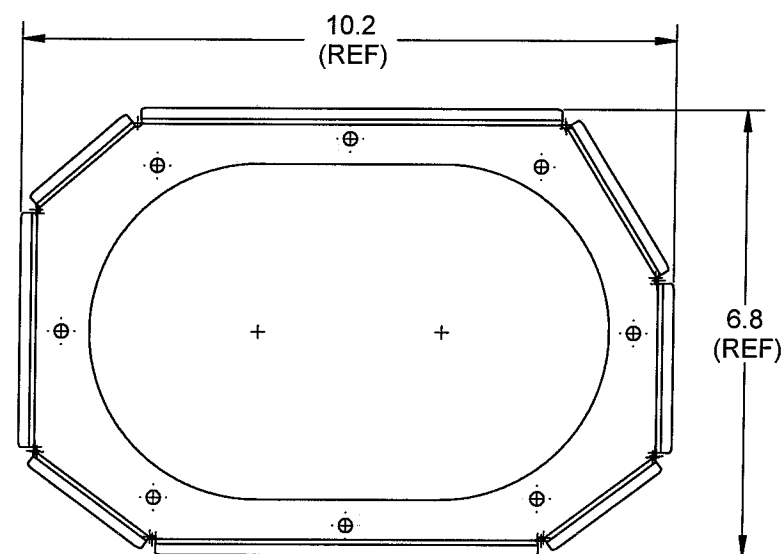
D212-725-1-037F FLAT PATTERN

RELEASED
08-07-03 MLD

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE PER DRAWING "D212-725-1-A19"

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED #	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 19 OF 44 SCALE 1:4



RELEASED
08-07-03

1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-2019
(REF. DART SPEC. M304S25GA)


2) FINISH: NONE

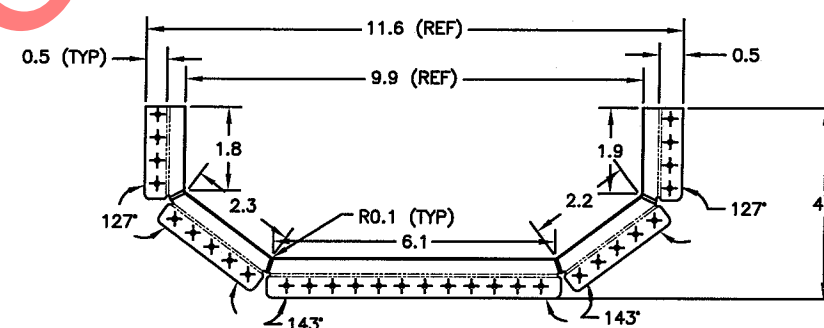
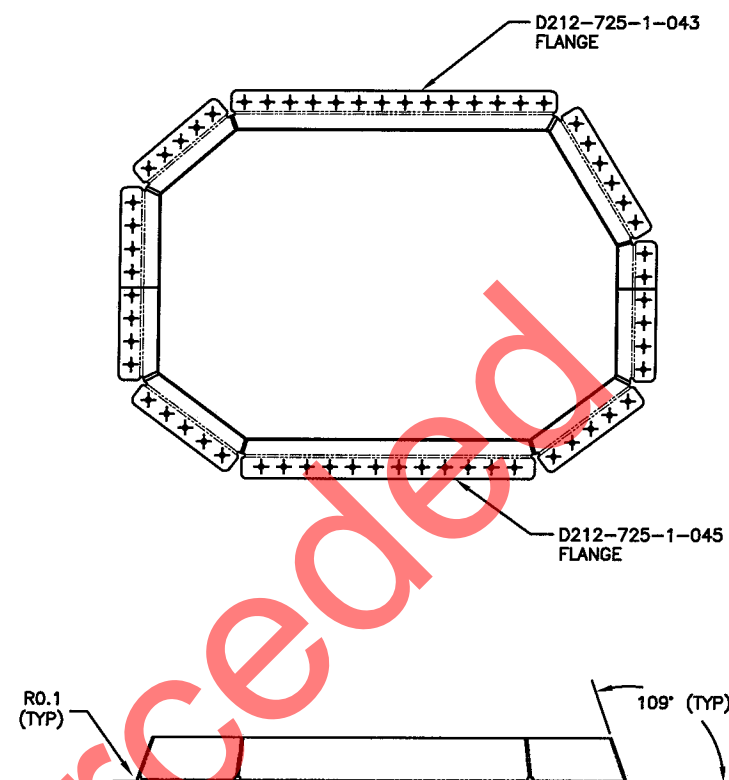
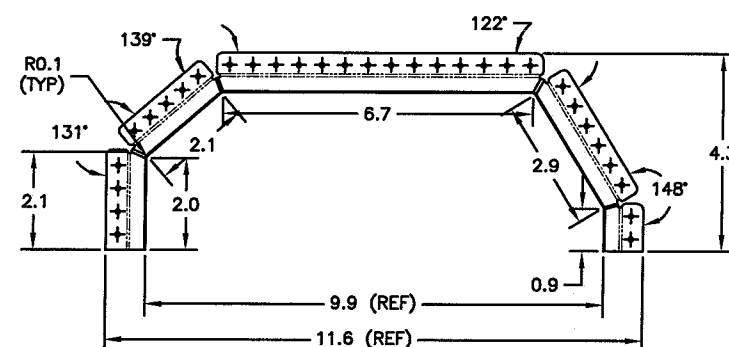
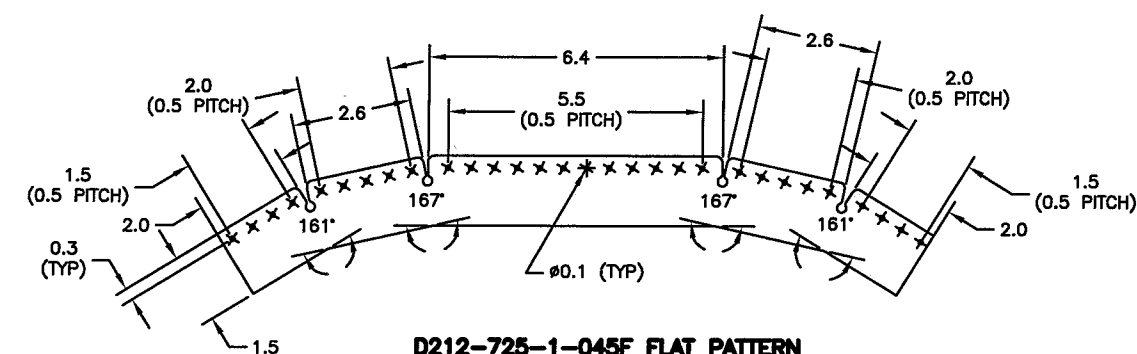
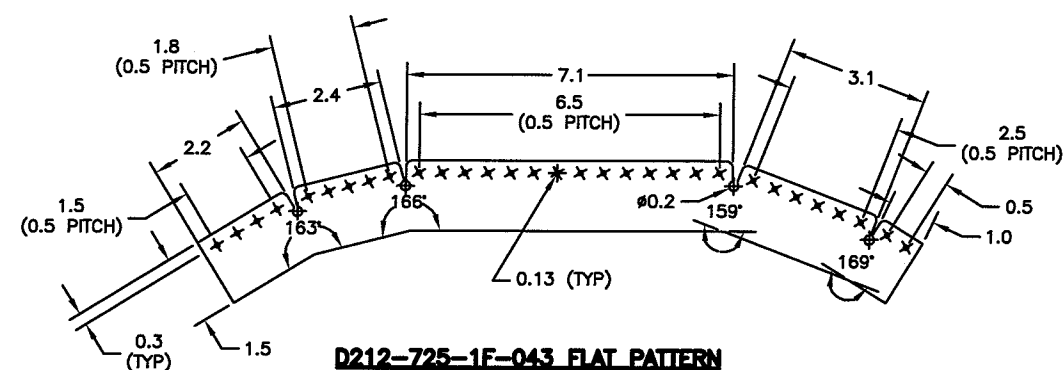
3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

4) ALL DIMENSIONS ARE IN INCHES

5) BREAK ALL SHARP EDGES 0.005 TO 0.010

6) MACHINE PER DRAWING "D212-725-1-A20"

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. 1 SHEET 20 OF 4
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:
<p align="center">COPYRIGHT © 2006 BY DART AEROSPACE LTD.</p> <p align="center">THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</p>		

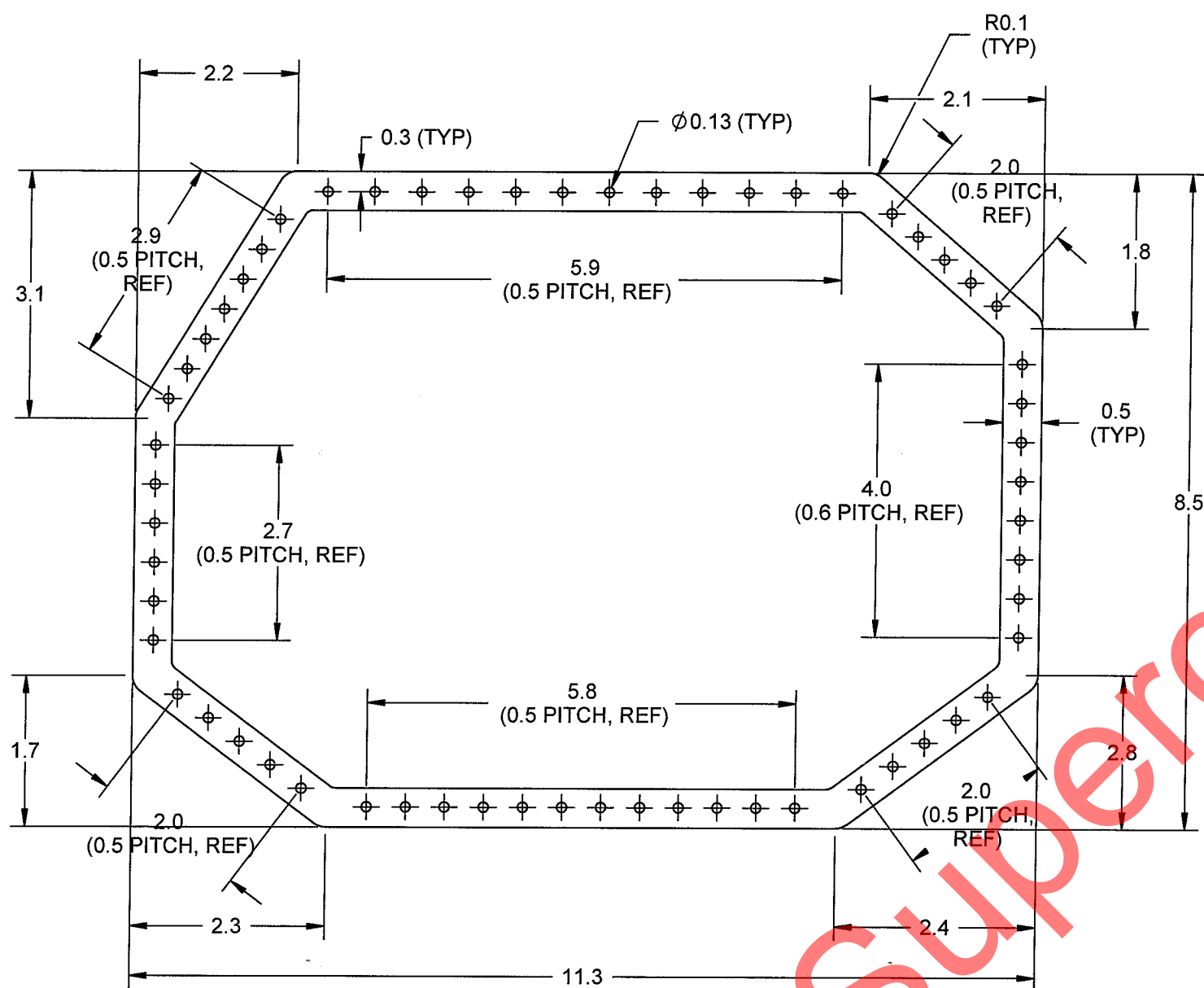


NOTES:

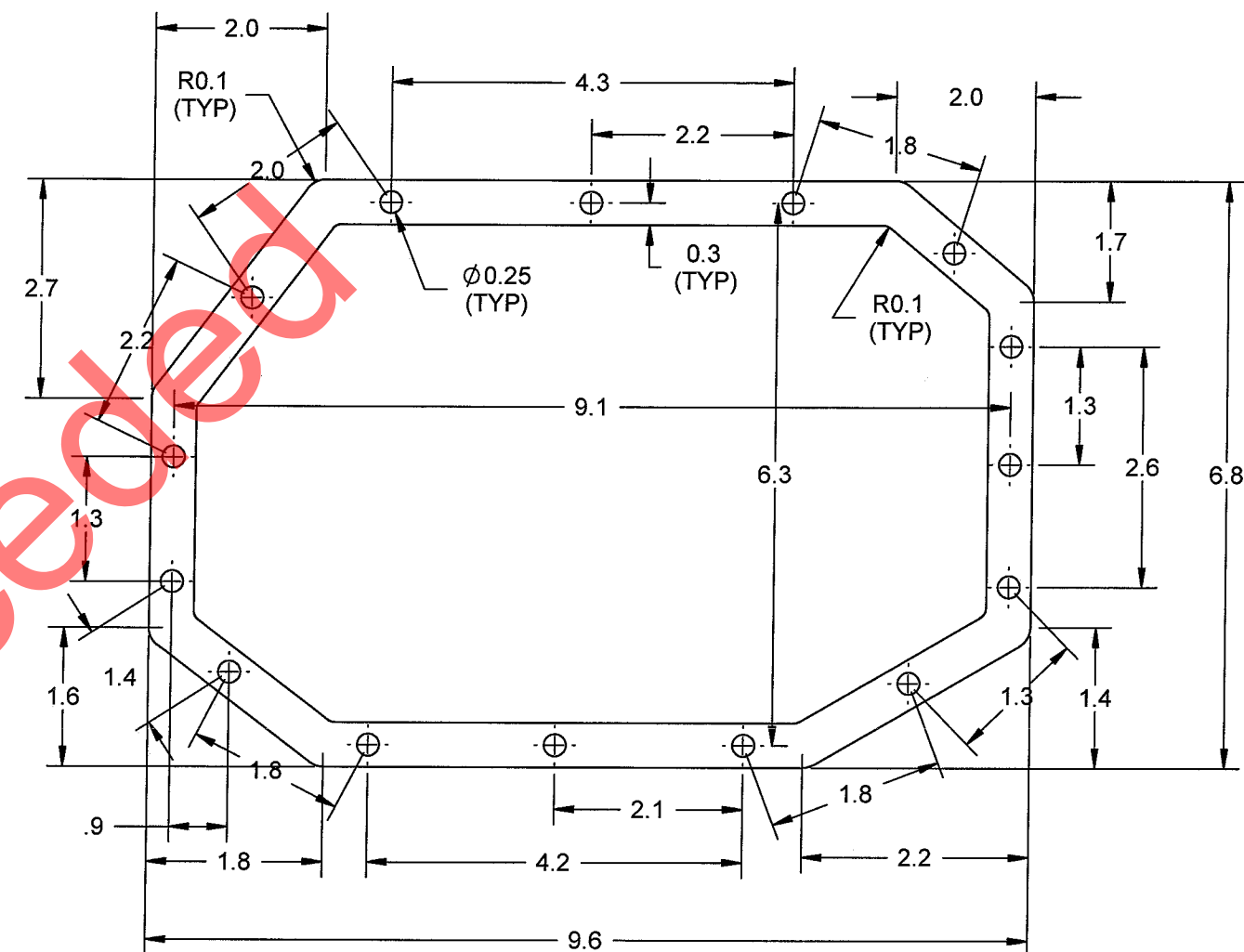
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL (25 GAUGE) 0.020 SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) MACHINE & BEND PER DRAWING "D212-725-1-A21"

RELEASED
08-07-03 MD

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 21 OF 44 SCALE 1:4



D212-725-1-049 DOUBLER
DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
TRANSFER Ø0.129 HOLES FROM D212-725-1-043/-045 WELDED



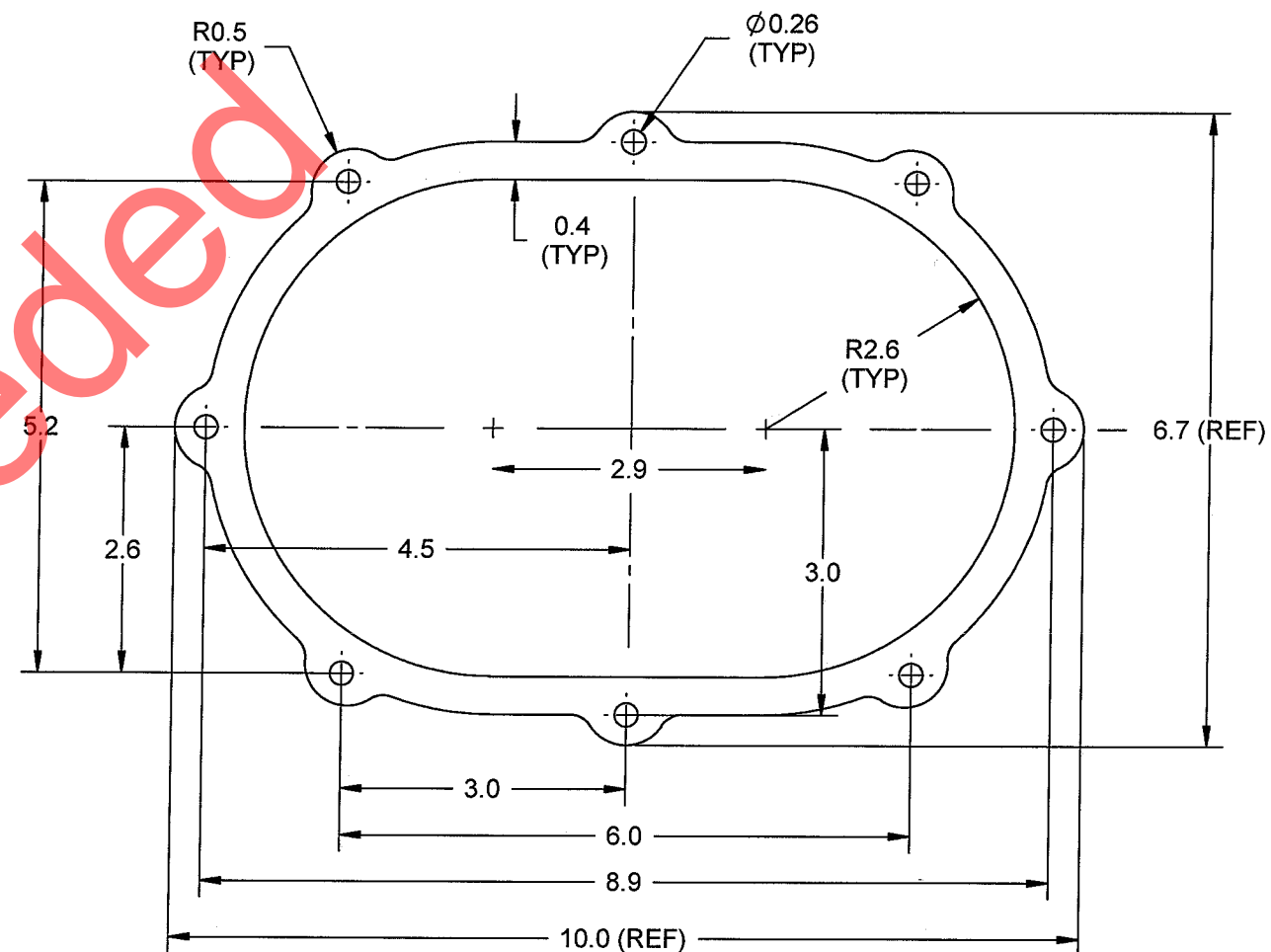
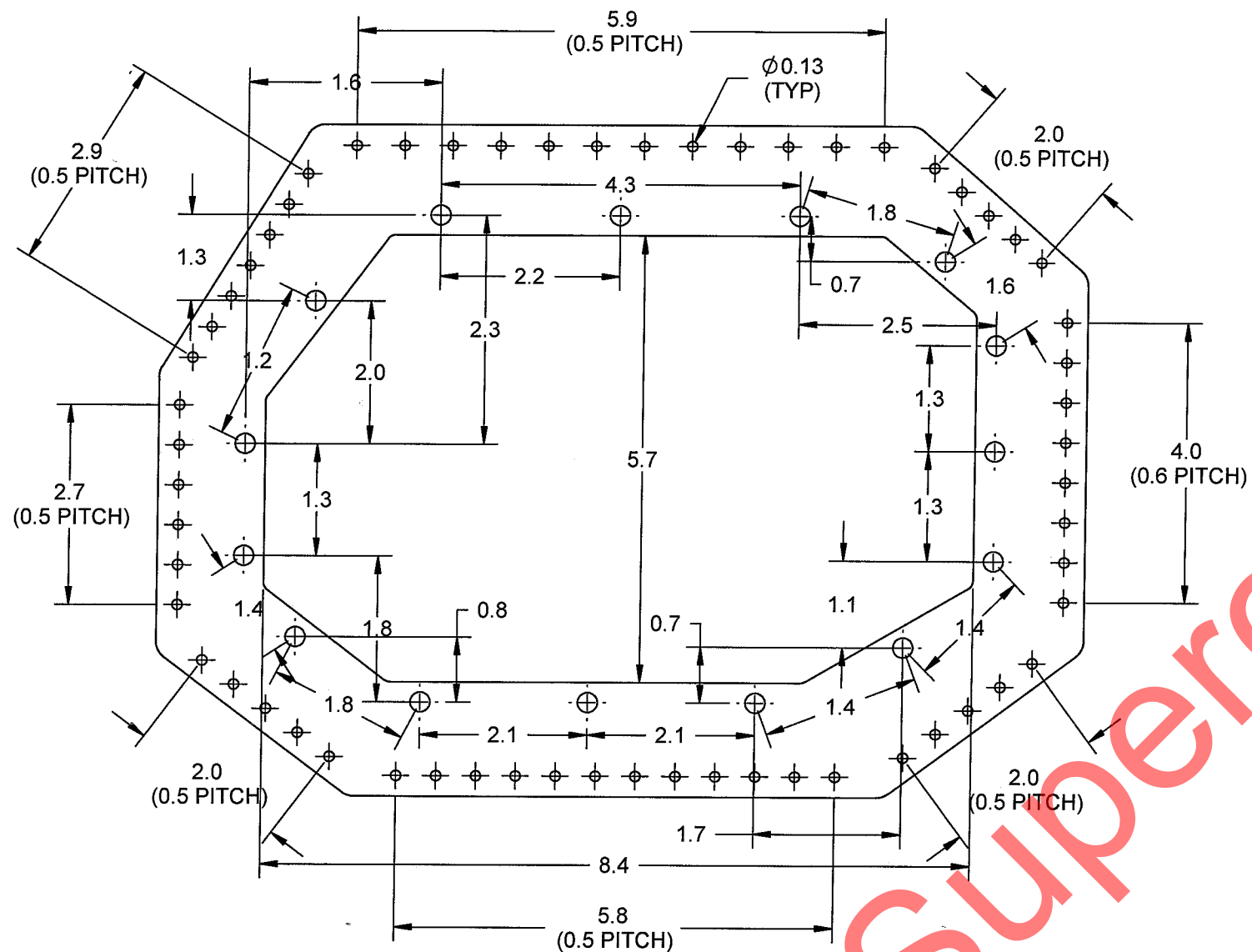
D212-725-1-047 DOUBLER
DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
TRANSFER Ø0.250 HOLES FROM D212-725-1-907 SECTION G-G

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.020 (25 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S25GA)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) MACHINE PER DRAWING "D212-725-1-A22"

RELEASED
08-07-03/14

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED <i>[Signature]</i>	DRAWING NO. D212-725-1 REV. B SHEET 22 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:4
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D212-725-1-053 GASKET
 DIMENSIONS BETWEEN HOLES ARE PROVIDED FOR REFERENCE ONLY
 TRANSFER $\phi 0.129$ HOLES FROM D212-725-1-043/-45 WELDED ASSEMBLY
 TRANSFER $\phi 0.250$ HOLES FROM D212-725-1-907 SECTION G-G

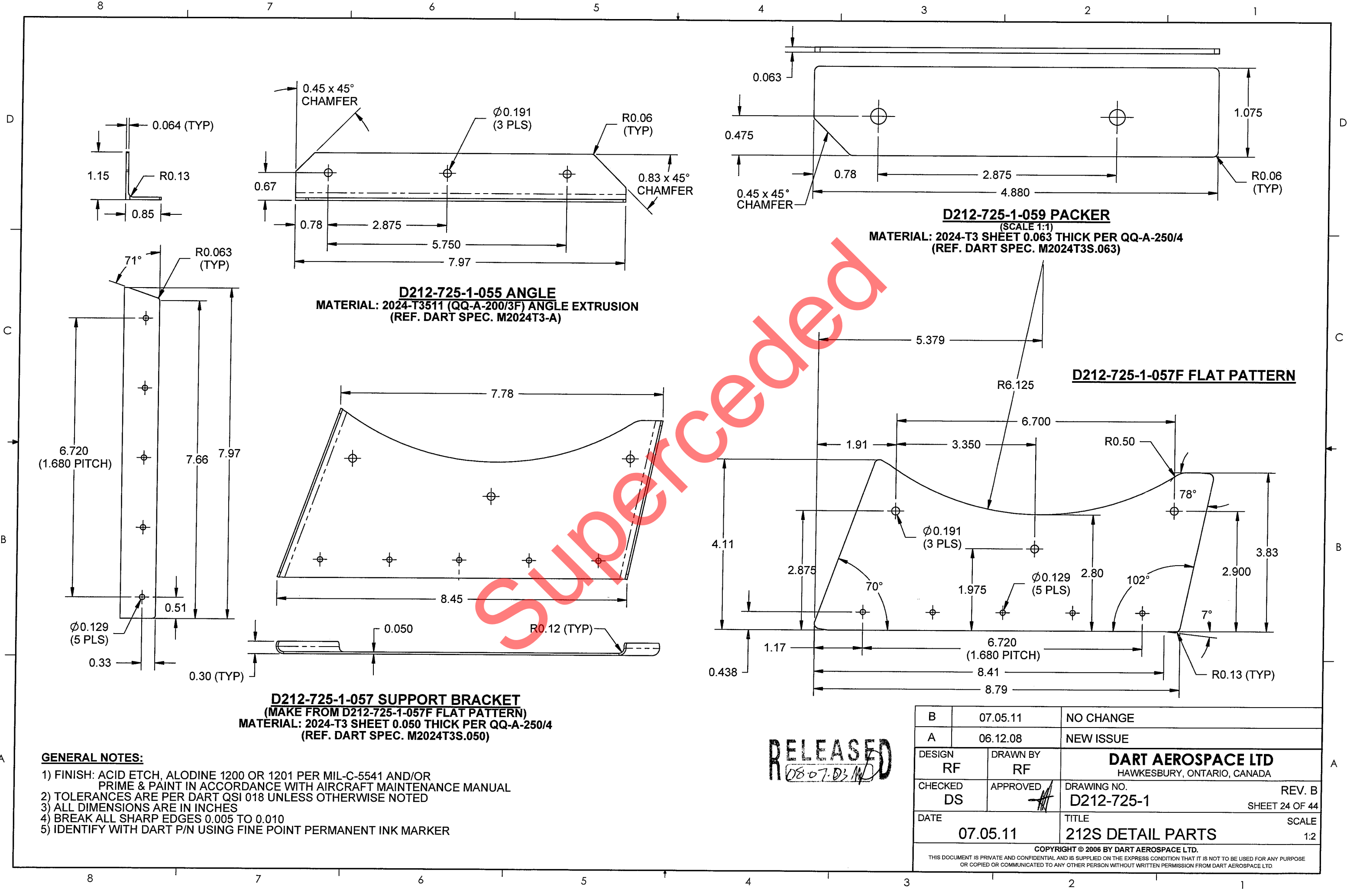
NOTES:

- 1) MATERIAL: THERMO-CHEM P/N G-89
POSSIBLE SUPPLIER: A.R. THOMSON GROUP
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) MACHINE PER DRAWING "D212-725-1-A23"

D212-725-1-051 GASKET

RELEASED
 08-07-03 M

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED <i>[Signature]</i>	DRAWING NO. D212-725-1 REV. B SHEET 23 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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D212-725-1-055 ANGLE
MATERIAL: 2024-T3511 (QQ-A-200/3F) ANGLE EXTRUSION
(REF. DART SPEC. M2024T3-A)

D212-725-1-059 PACKER
(SCALE 1:1)
MATERIAL: 2024-T3 SHEET 0.063 THICK PER QQ-A-250/4
(REF. DART SPEC. M2024T3S.063)

D212-725-1-057F FLAT PATTERN

D212-725-1-057 SUPPORT BRACKET
(MAKE FROM D212-725-1-057F FLAT PATTERN)
MATERIAL: 2024-T3 SHEET 0.050 THICK PER QQ-A-250/4
(REF. DART SPEC. M2024T3S.050)

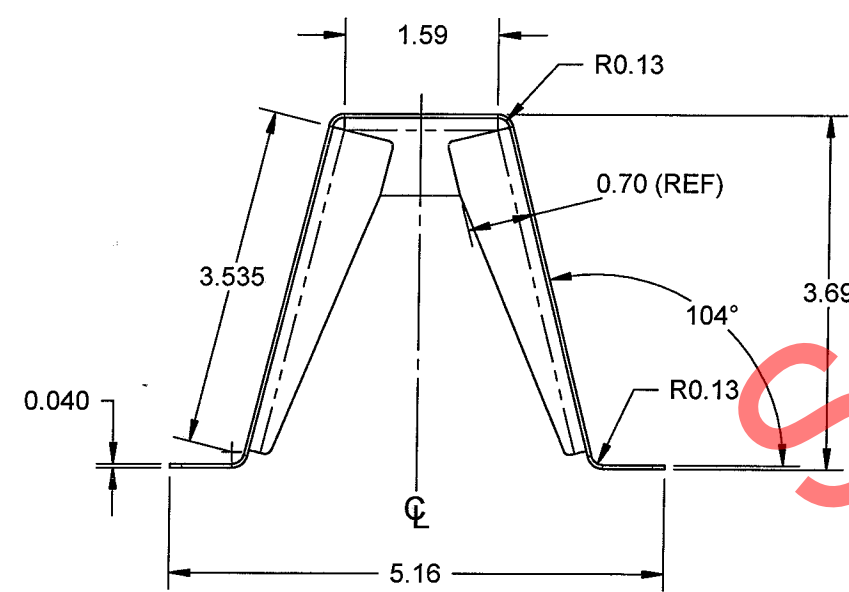
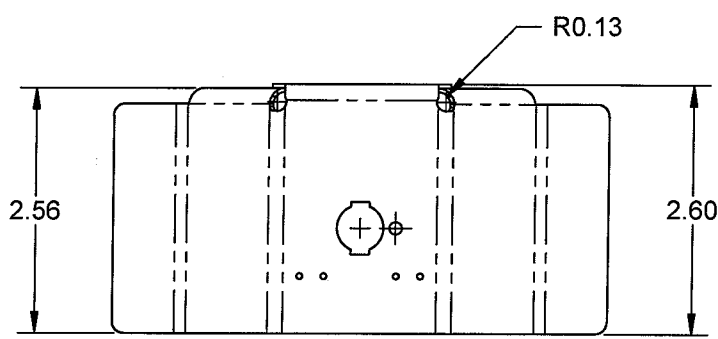
GENERAL NOTES:

- 1) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT IN ACCORDANCE WITH AIRCRAFT MAINTENANCE MANUAL
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

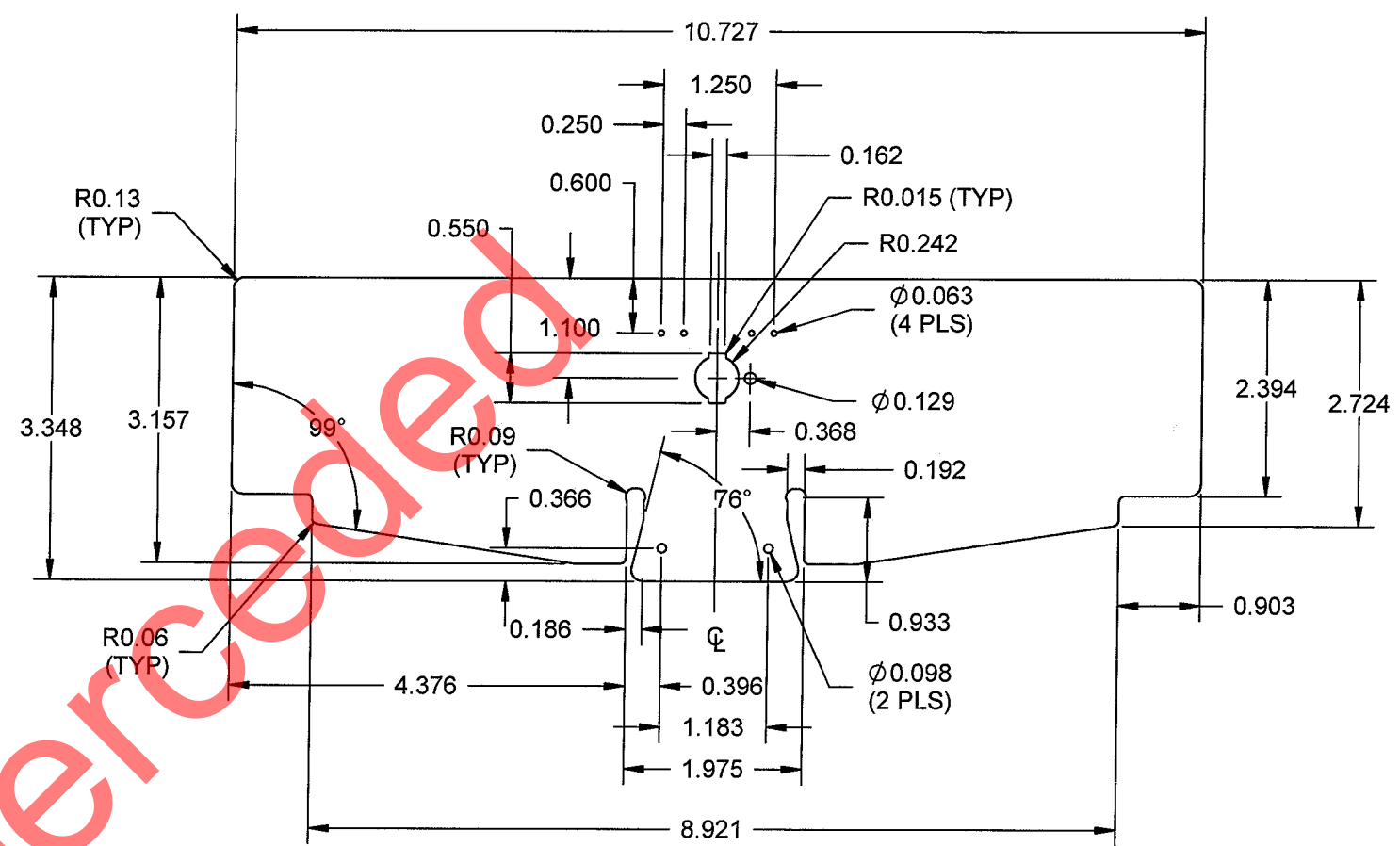
RELEASED
08-07-03

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 24 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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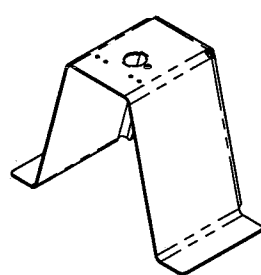
TRANSFER Ø0.129 HOLE.
INSTALL MS20470AD4-4 RIVET
(2 PLS)



D212-725-1-061 BRACKET
(MAKE FROM D212-725-1-061F FLAT PATTERN)



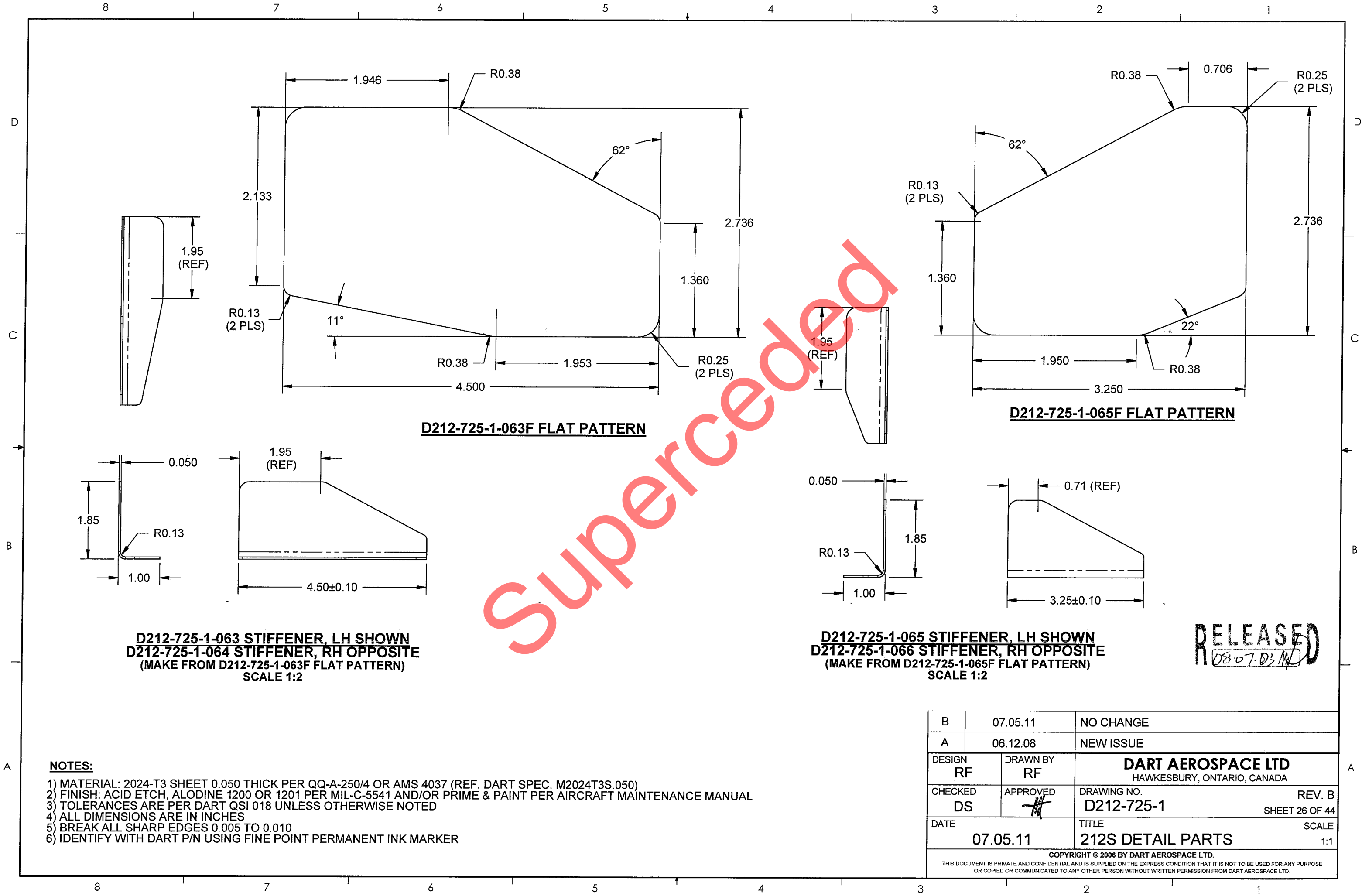
D212-725-1-061F FLAT PATTERN

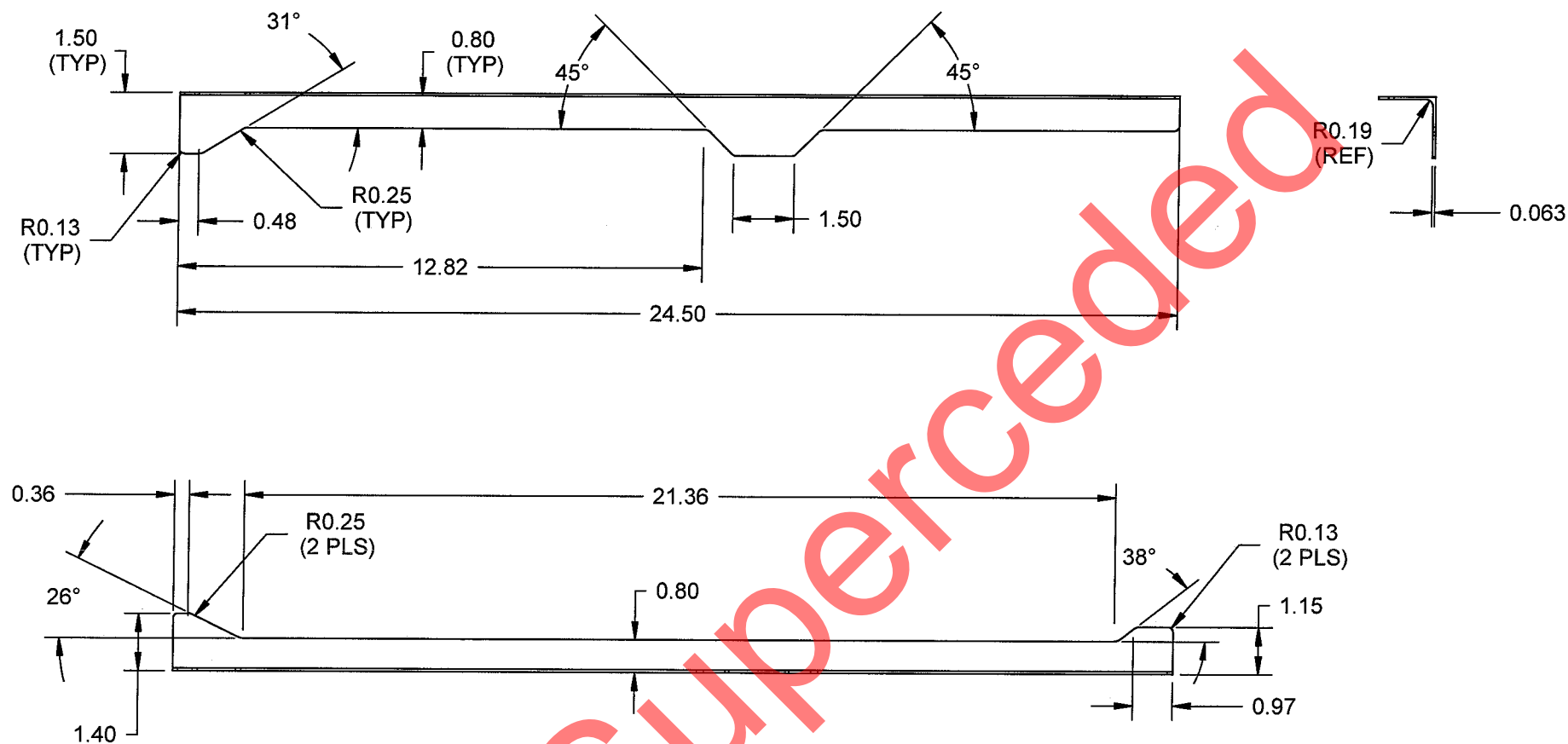


RELEASED
0807-03 MD

- NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 25 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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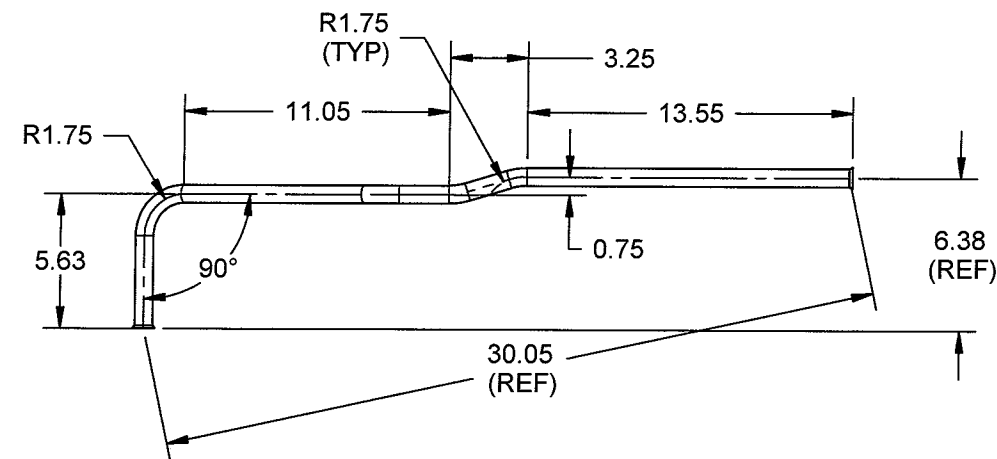
D212-725-1-069 STIFFENER

NOTES:

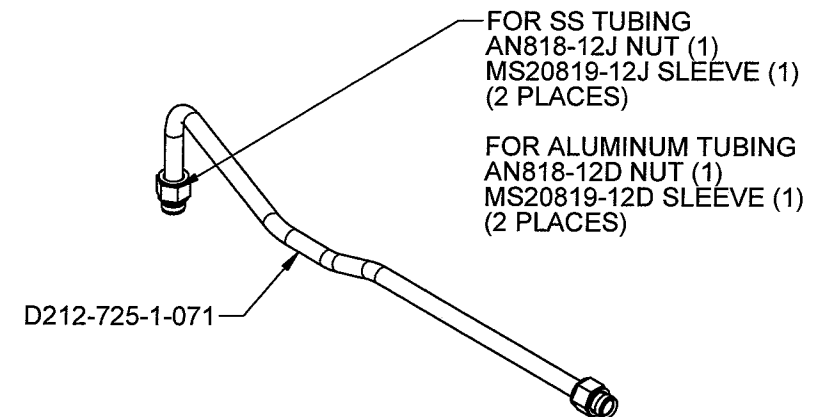
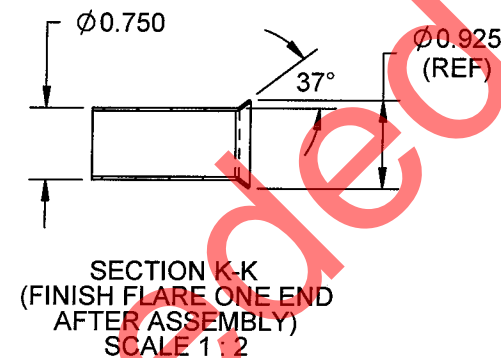
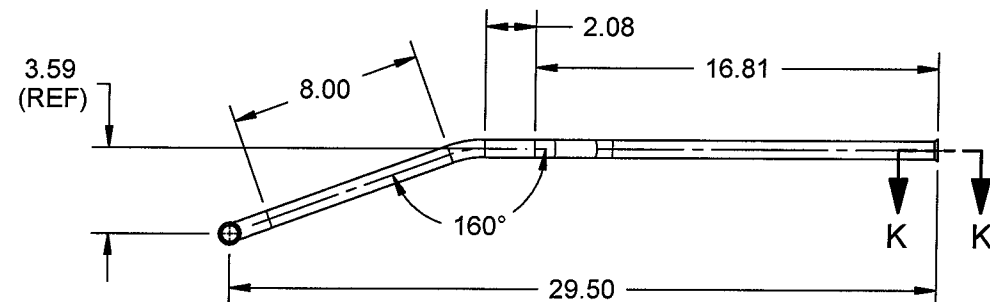
- 1) MATERIAL: 7075-T6 (QQ-A-200/11) ANGLE 0.063 THICK
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

RELEASED
08-07-03 MD

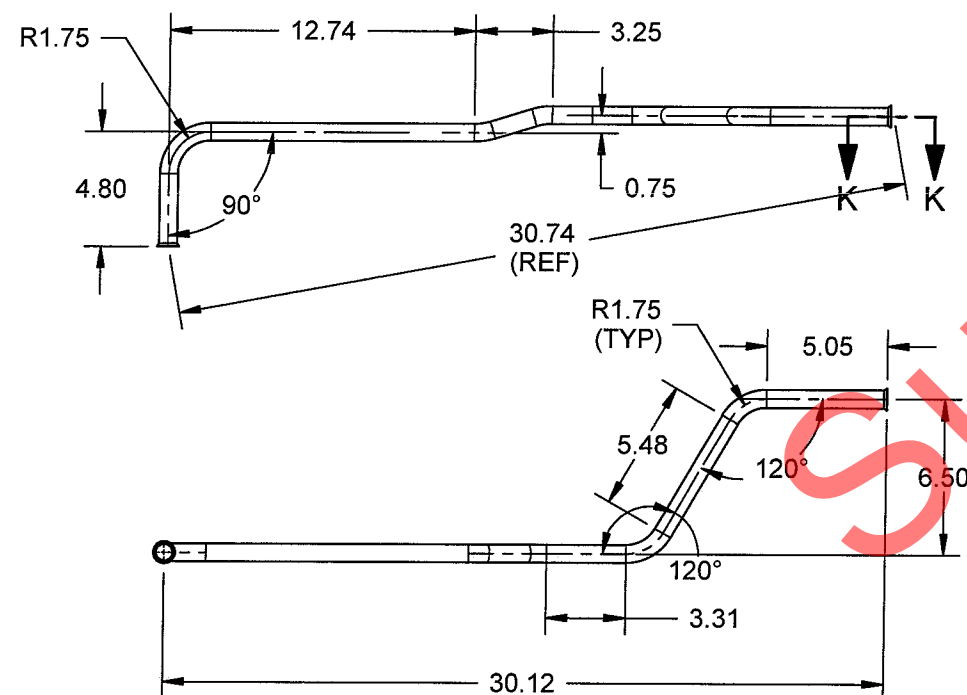
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED [Signature]	DRAWING NO. D212-725-1 REV. B SHEET 27 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:4
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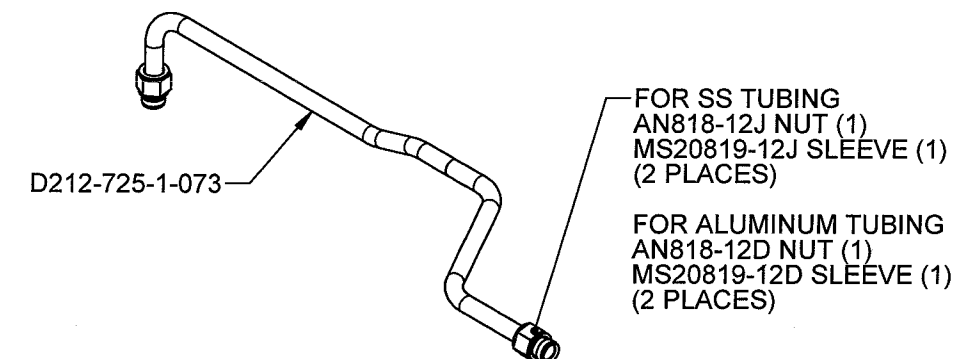
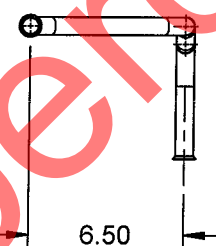
D212-725-1-071 DRAIN TUBING
MANUFACTURE PER TEMPLATE DT8908



D212-725-1-913 DRAIN TUBE ASSY



D212-725-1-073 DRAIN TUBING
MANUFACTURE PER TEMPLATE DT 8909



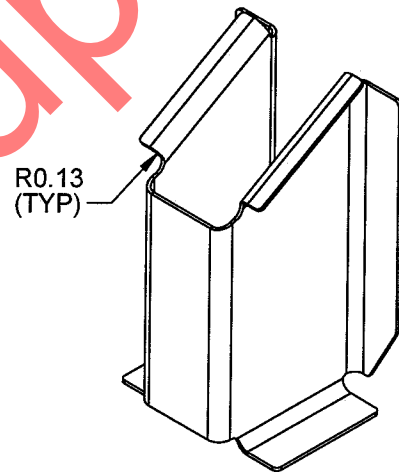
D212-725-1-915 DRAIN TUBE ASSY

RELEASED
08-07-03

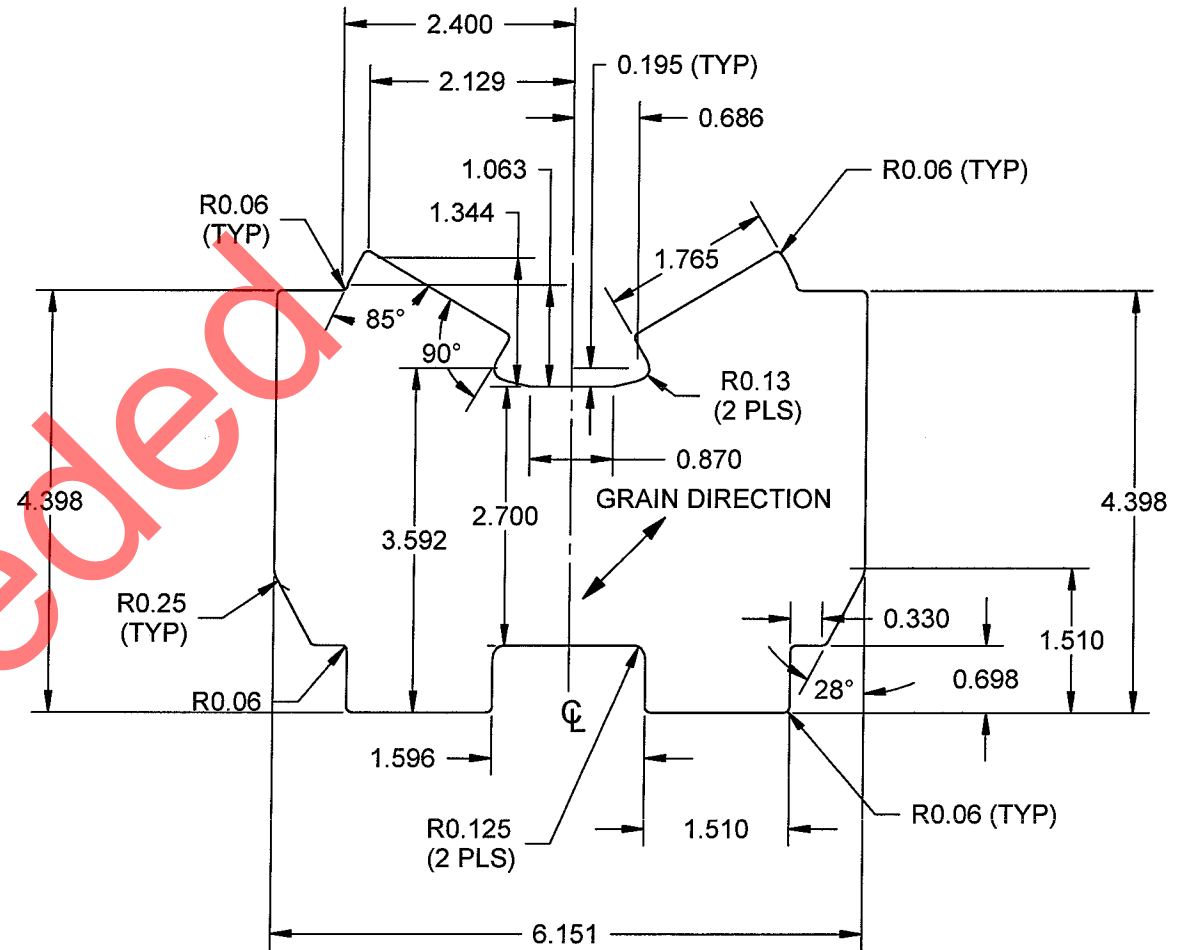
D212-725-1-071/-073:

- 1) MATERIAL: AISI 304/316 SS $\phi 0.750 \times 0.049$ WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.750W.049) OR 6061-T6 OR 6061-T62 ALUMINUM TUBING $\phi 0.750 \times 0.035$ WALL (REF. DART SPEC. M6061T6TR0.750W0.035)
- 2) FINISH: FOR ALUMINUM TUBING ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY ASSEMBLY (-913/-915) WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	ADD NOTE FABRICATE FROM SS
A	06.12.08	NEW ISSUE
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 28 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:8
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D212-725-1-075 BRACKET
(MAKE FROM D212-725-1-075F FLAT PATTERN)




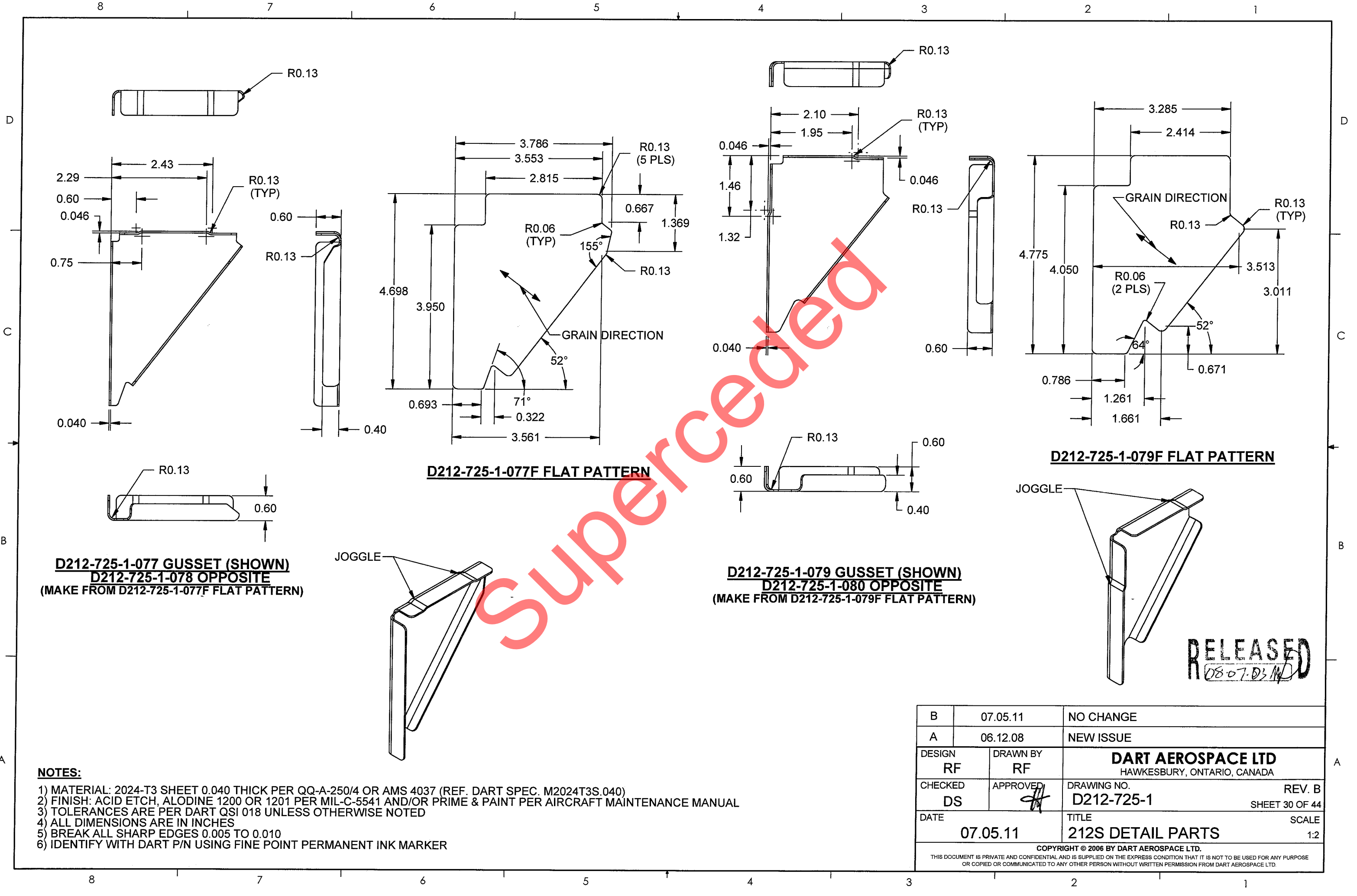
D212-725-1-075F FLAT PATTERN

RELEASED
08-07-03 M

NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE	
A	06.12.08	NEW ISSUE	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 29 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:2
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**D212-725-1-077 GUSSET (SHOWN)
D212-725-1-078 OPPOSITE
(MAKE FROM D212-725-1-077F FLAT PATTERN)**

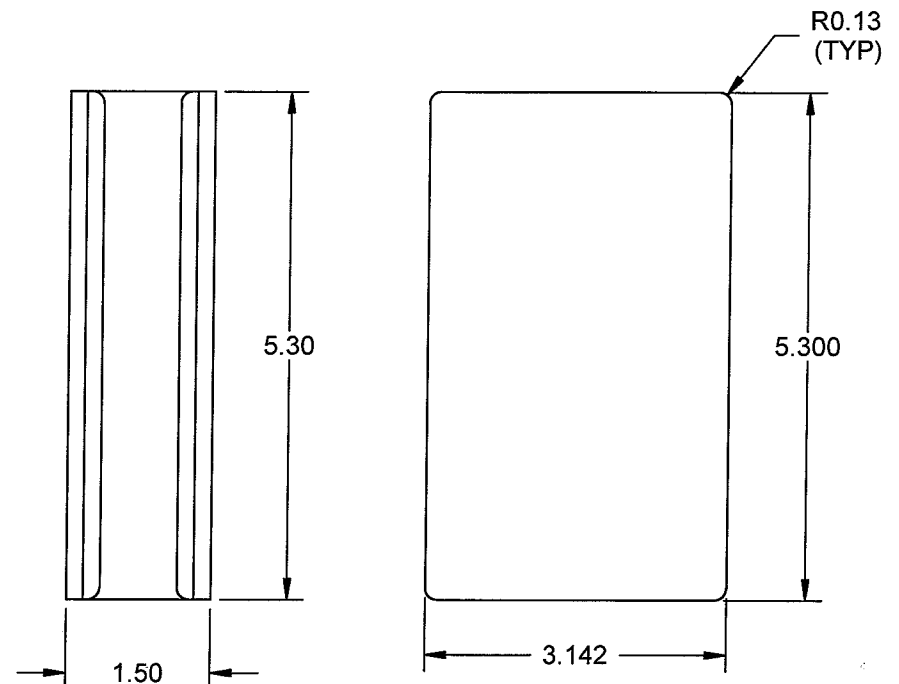
D212-725-1-077F FLAT PATTERN

**D212-725-1-079 GUSSET (SHOWN)
D212-725-1-080 OPPOSITE
(MAKE FROM D212-725-1-079F FLAT PATTERN)**

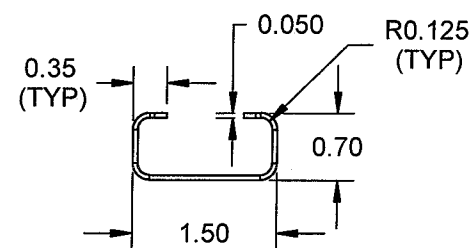
D212-725-1-079F FLAT PATTERN

- NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) ALL DIMENSIONS ARE IN INCHES
 - 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
 - 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

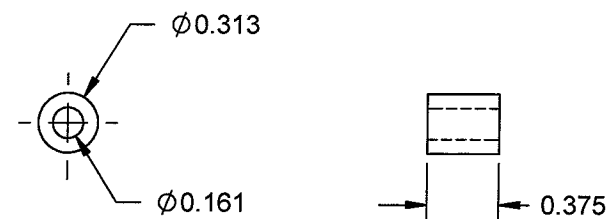
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED <i>[Signature]</i>	DRAWING NO. D212-725-1 REV. B SHEET 30 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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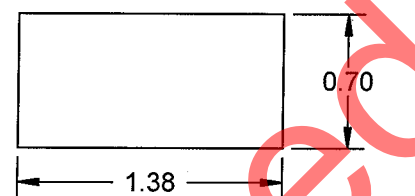
D212-725-1-081F FLAT PATTERN



D212-725-1-081 SUPPORT
(MAKE FROM D212-725-1-081F FLAT PATTERN)



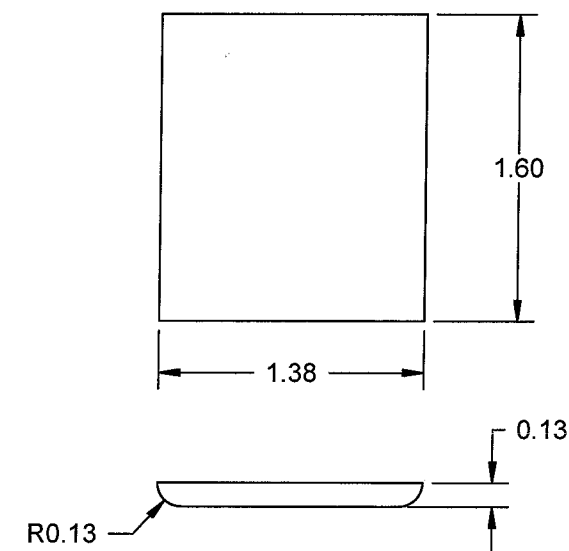
D212-725-1-101 SPACER



D212-725-1-095 RADIUS BLOCK



D212-725-1-097 PACKER



D212-725-1-099 RADIUS BLOCK

D212-725-1-095/-097/-099 NOTES:

- 1) MATERIAL: 6061-T6 OR 6061-T651/T6510/T6511/T62 BAR/SHEET PER QQ-A-225/8 OR QQ-A-200/8 OR QQ-A-250/11 (REF. DART SPEC. M6061T6B)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-6641 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL

D212-725-1-101 NOTES:

- 1) MATERIAL: 6061-T6 ROUND BAR PER QQ-A-225/8 OR QQ-A-200/8 (REF. DART SPEC. M6061T6R)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-6641 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL

D212-725-1-081 NOTES:

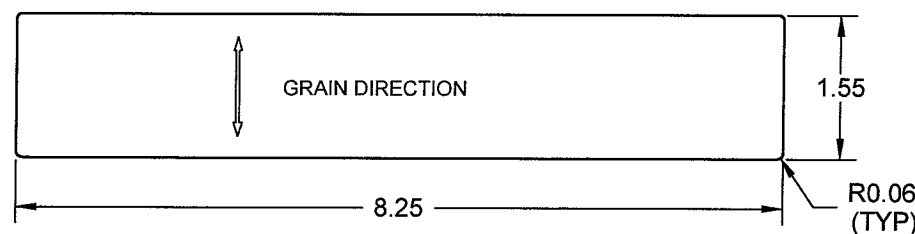
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET 0.050 (18 GAUGE) THICK PER MIL-S-5019 (REF. DART SPEC. M304S18GA)
- 2) FINISH: NONE

GENERAL NOTES:

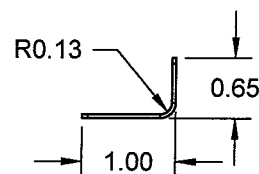
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

RELEASED
08-07-03 MD

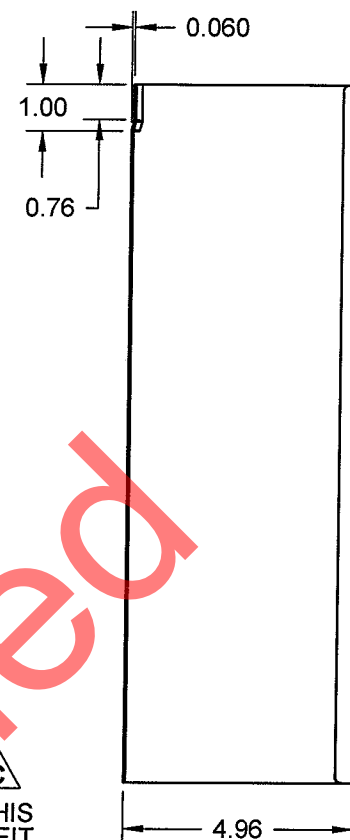
B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 31 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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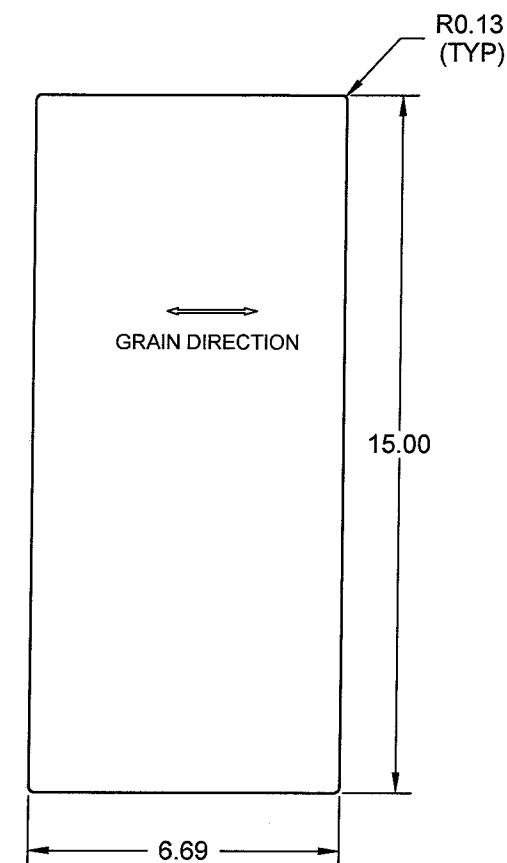
D212-725-1-107F FLAT PATTERN



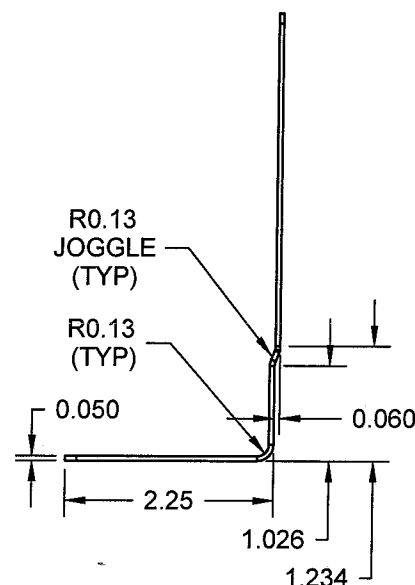
D212-725-1-107 ANGLE
(MAKE FROM D212-725-1-107F FLAT PATTERN)



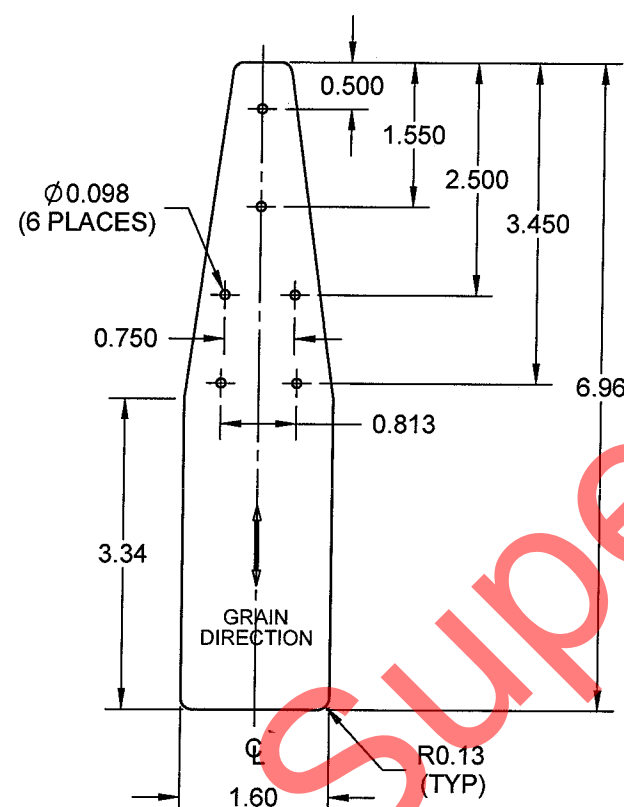
D212-725-1-083 SHELF SPLICE
D212-725-1-084 OPPOSITE
(MAKE FROM D212-725-1-083F FLAT PATTERN)



D212-725-1-083F FLAT PATTERN



D212-725-1-085 BRACKET
(MAKE FROM D212-725-1-085F FLAT PATTERN)



D212-725-1-085F FLAT PATTERN

D212-725-1-083/-084 NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 (REF. DART SPEC. M2024T3S.040)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-6641 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

D212-725-1-085 NOTE:


- 1) MATERIAL: 2024-T3 SHEET 0.050 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.050)

D212-725-1-107/-108 NOTE:

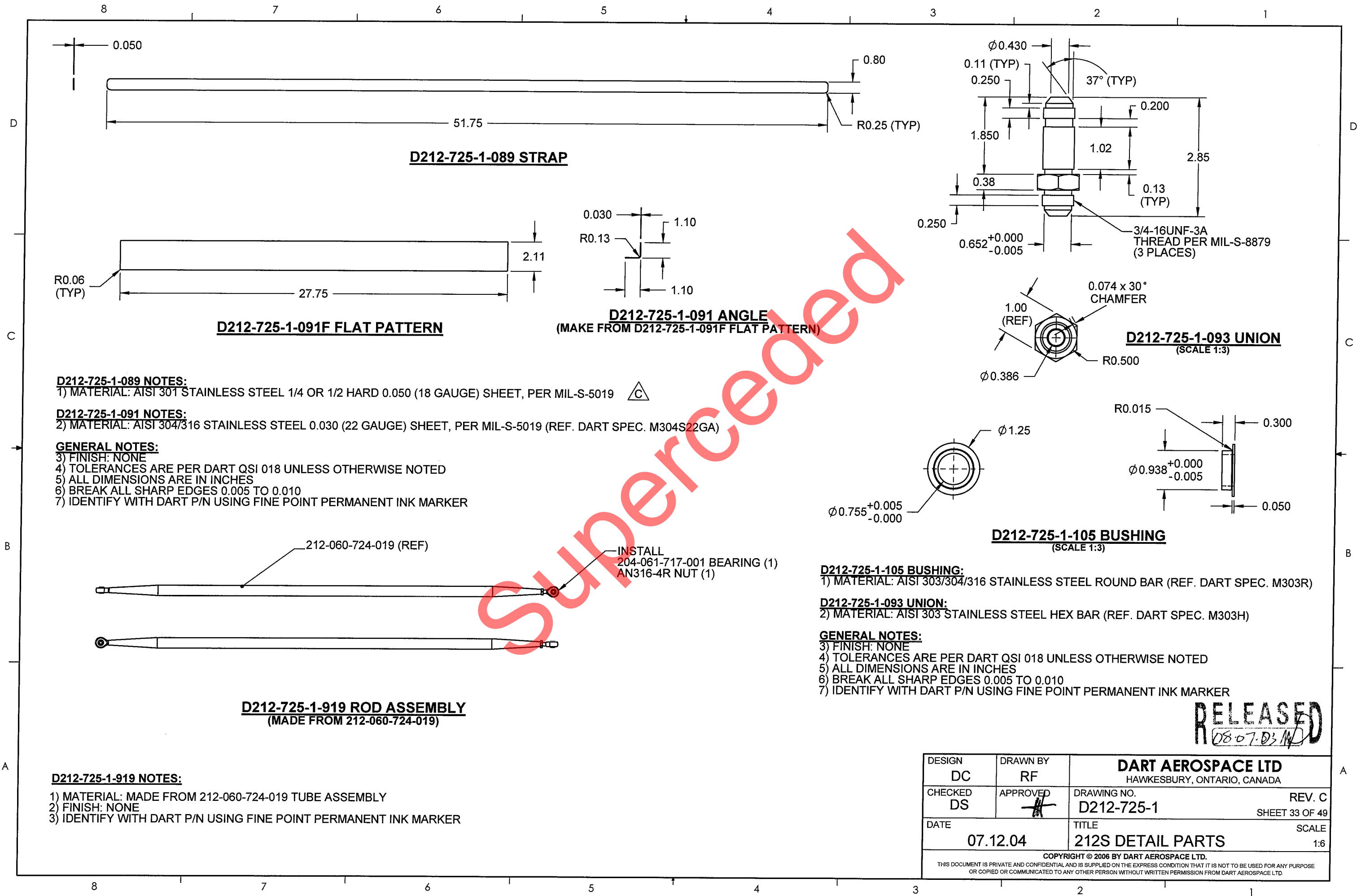
- 2) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (FER. DART SPEC. M2024T3S.040)

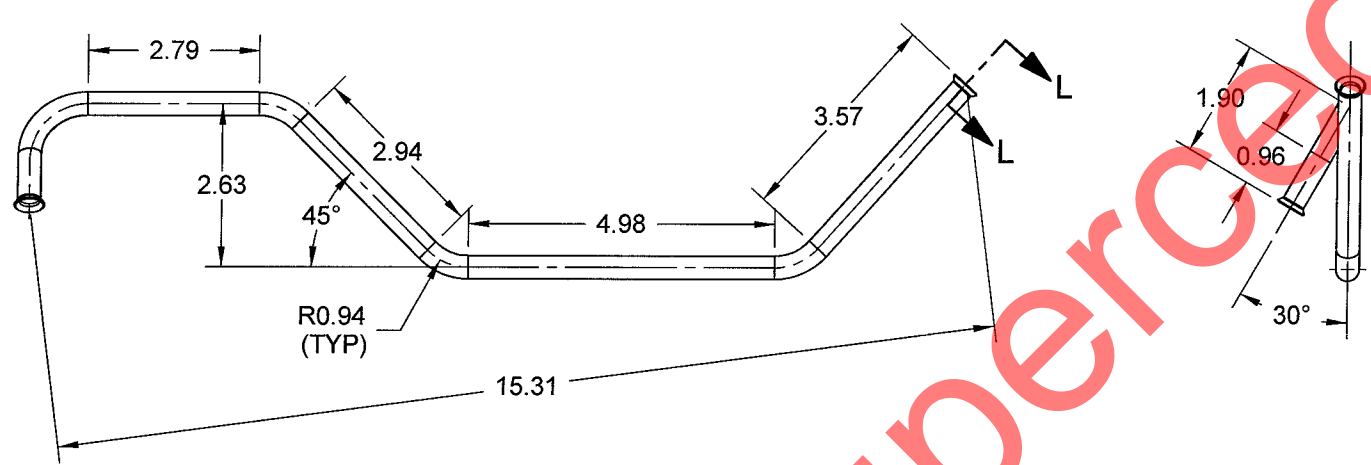
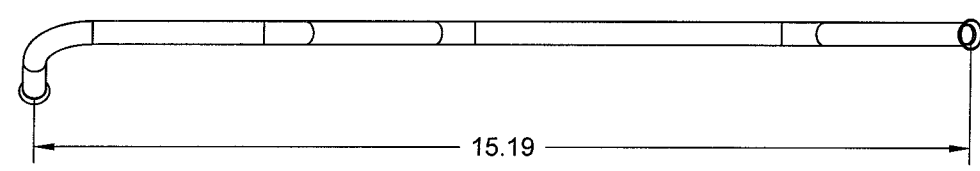
GENERAL NOTES:

- 3) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-6641, AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

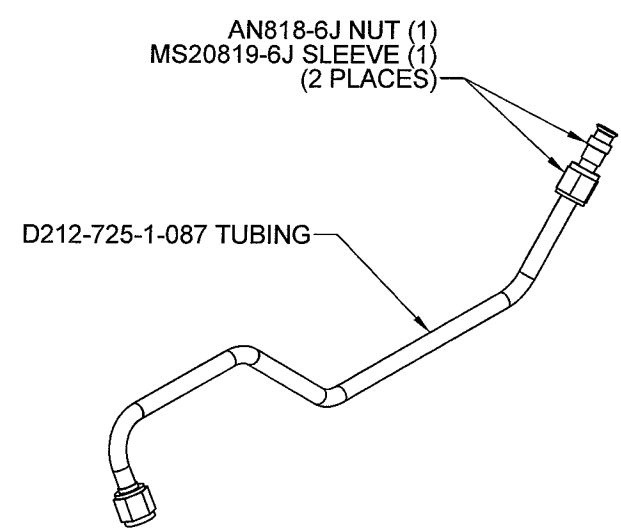
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. C SHEET 32 OF 49
DATE 07.12.04		TITLE 212S DETAIL PARTS	SCALE 1:4
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080703MD

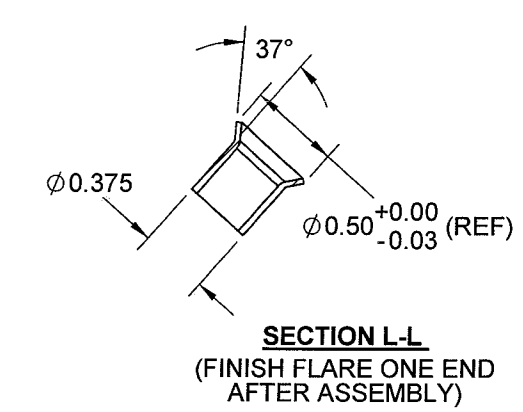




D212-725-1-087 TUBING
MANUFACTURE PER TEMPLATE DT8910



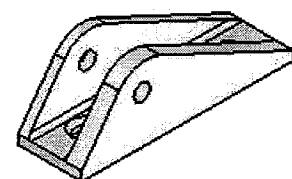
D212-725-1-917 TUBE ASSEMBLY



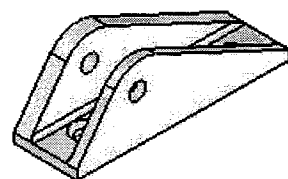
- NOTES:
- 1) MATERIAL: AISI 304/316 SS $\phi 0.375 \times 0.035$ WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.375W.035)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N D212-725-1-917 USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

RELEASED
08-07-03 MD

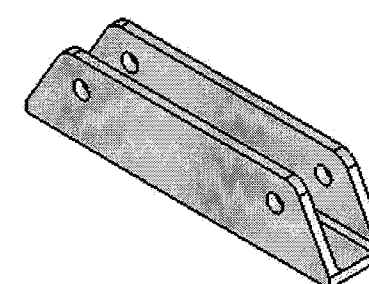
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DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. C
MFG. APPR.		D212-725-1	SHEET 34 OF 49
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	1:3
DATE	07.12.04	COPYRIGHT © 2006 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



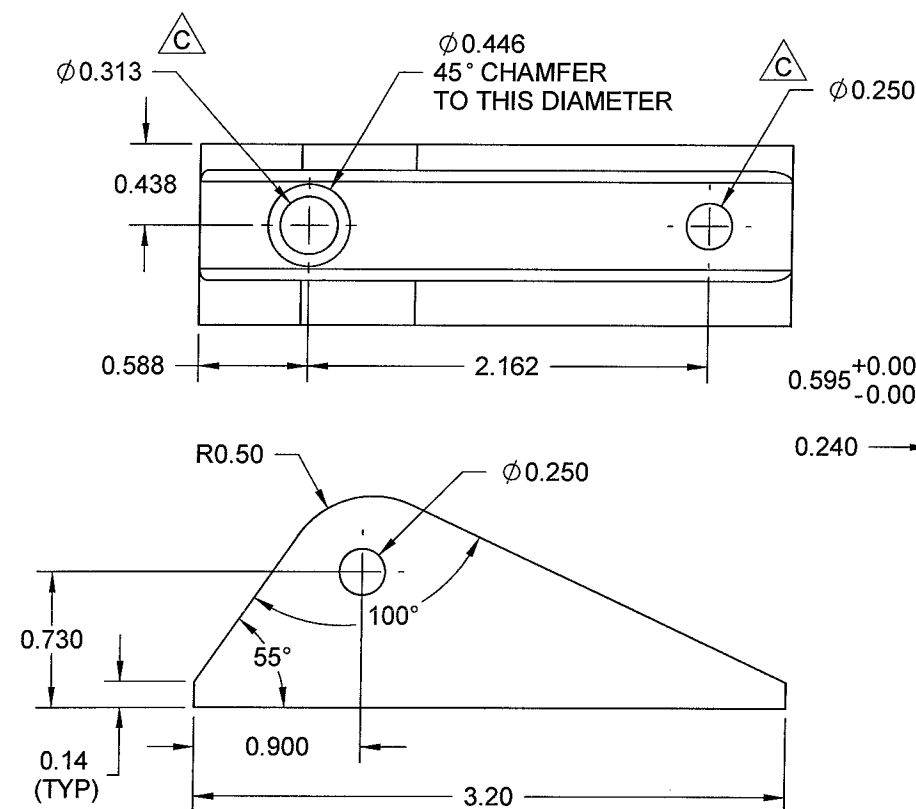
D212-725-1-109 SHOWN



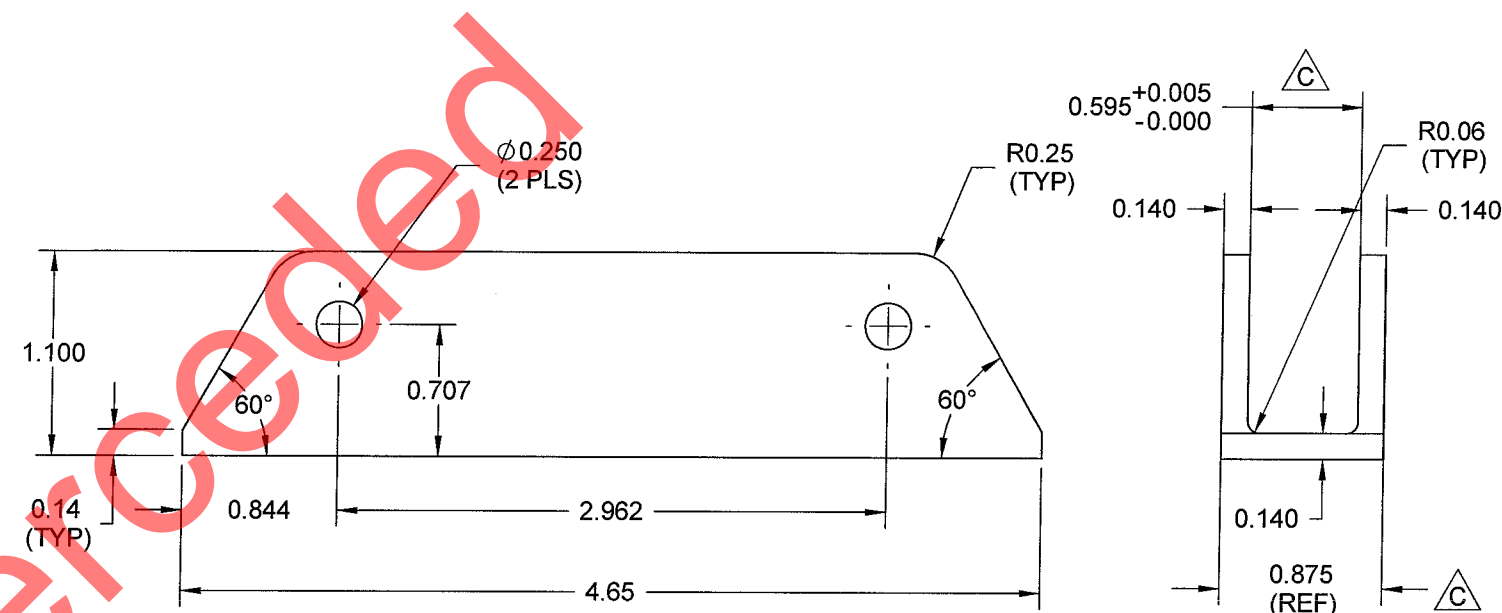
D212-725-1-110 SHOWN



D212-725-1-111 LARGE ENGINE MOUNT



**D212-725-1-109 SMALL ENGINE MOUNT
D212-725-1-110 OPPOSITE**

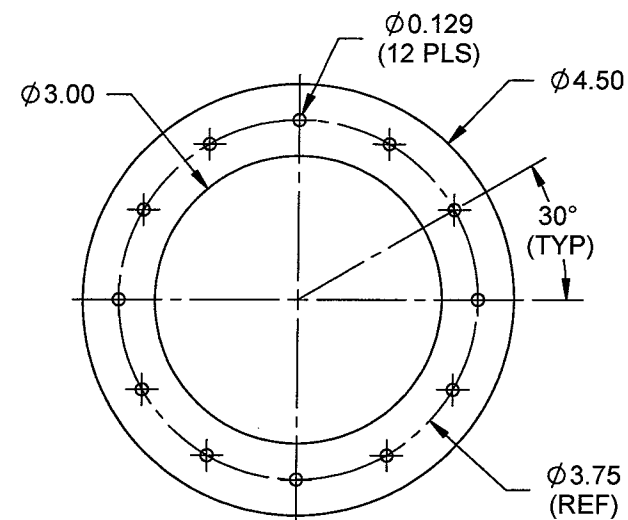
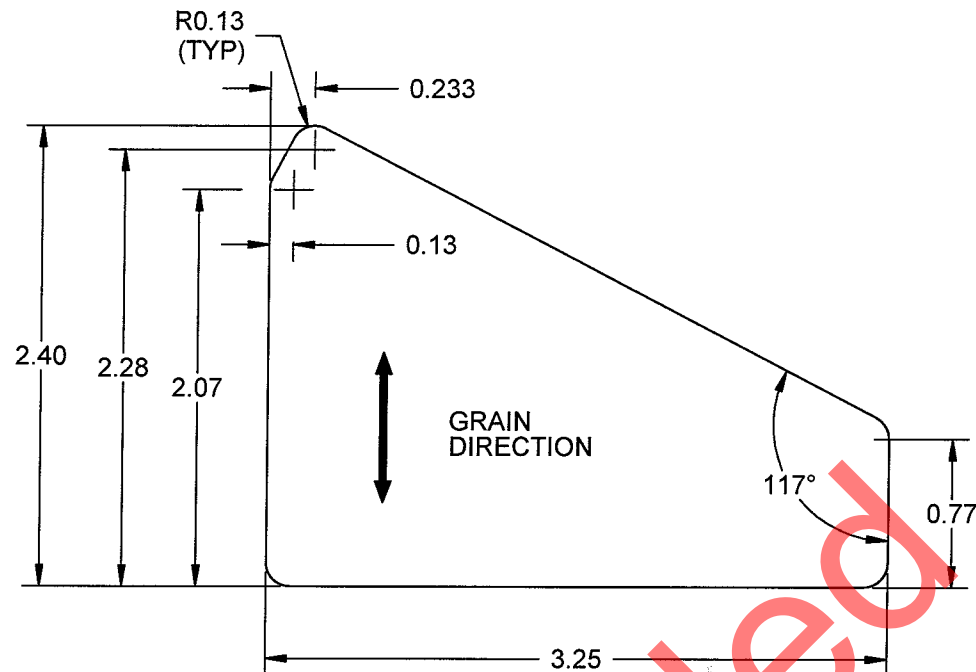
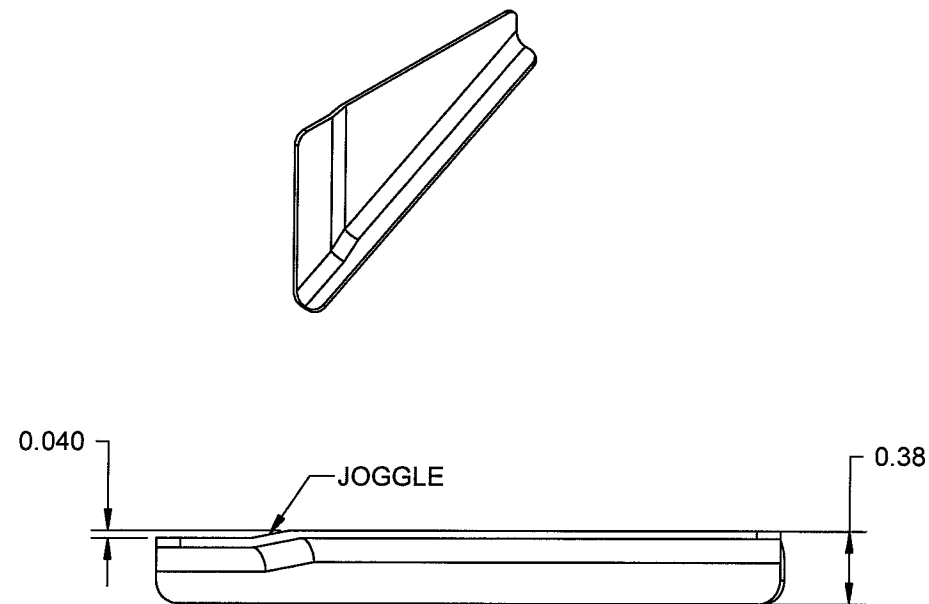


D212-725-1-109/-110/-111 NOTES:

- 1) MATERIAL: AISI 4140/4130 STEEL BAR PER MIL-S-5626/-6758 OR AMS 6382/6349/6529 OR AMS 6348/6370/6528 (REF. DART SPEC. M4140N-B OR M4130N-B) HEAT TREAT TO MIN. ULTIMATE TENSILE STRENGTH = 125 ksi
- 2) FINISH: CADMIUM PLATE PER AMS-QQ-P-416B, CLASS I, TYPE II PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

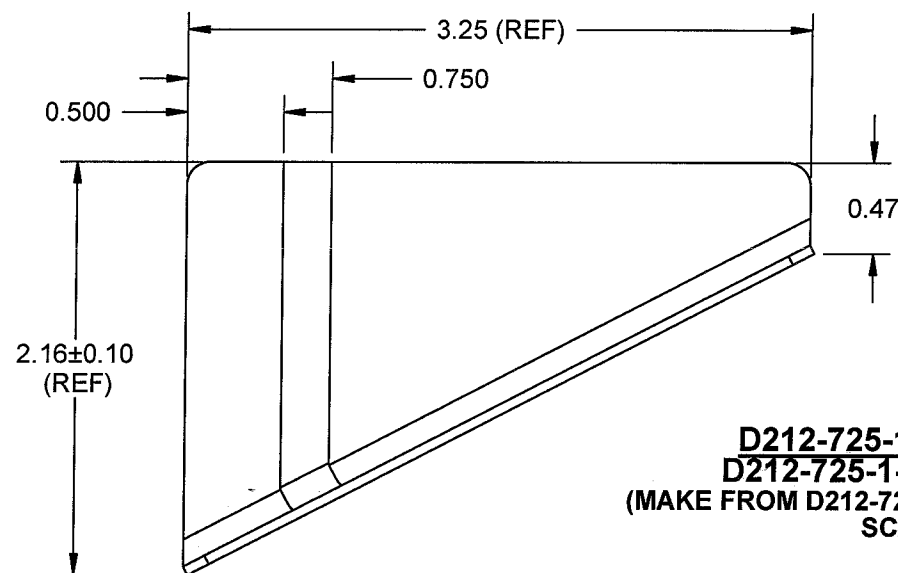
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080703M

DESIGN	JL	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. C
MFG. APPR.		D212-725-1	SHEET 35 OF 49
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	1:1
DATE	07.12.04	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

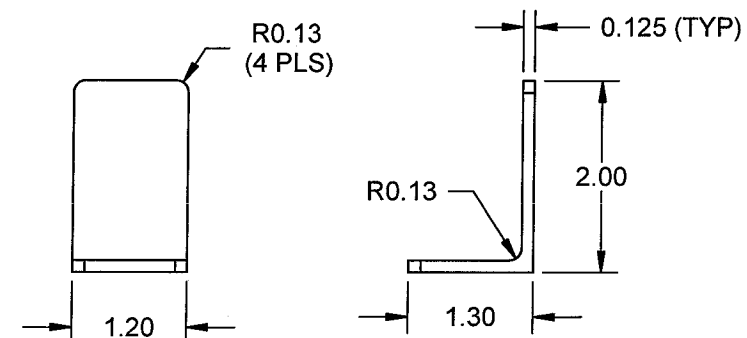


D212-725-1-103 DOUBLER

D212-725-1-113F FLAT PATTERN
SCALE 1:1



D212-725-1-113 GUSSET
D212-725-1-114 OPPOSITE
(MAKE FROM D212-725-1-113F FLAT PATTERN)
SCALE 1:1



D212-725-1-115 ANGLE

D212-725-1-103 NOTE:

1) MATERIAL: 2024-T3 SHEET 0.050 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S0.050)

D212-725-1-113/-114 NOTE:

2) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S0.040)

D212-725-1-115 NOTE:

3) MATERIAL: 2024-T3511 (QQ-A-200/3F) ANGLE EXTRUSION (REF. DART SPEC. M2024T3-A)

GENERAL NOTES:

- 4) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES
- 7) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 8) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

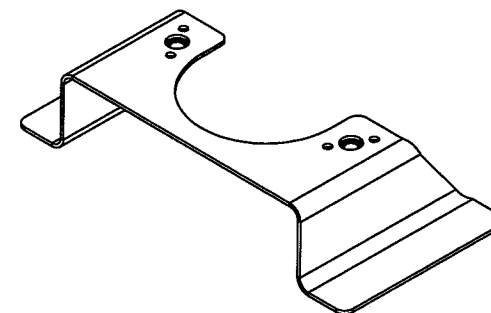
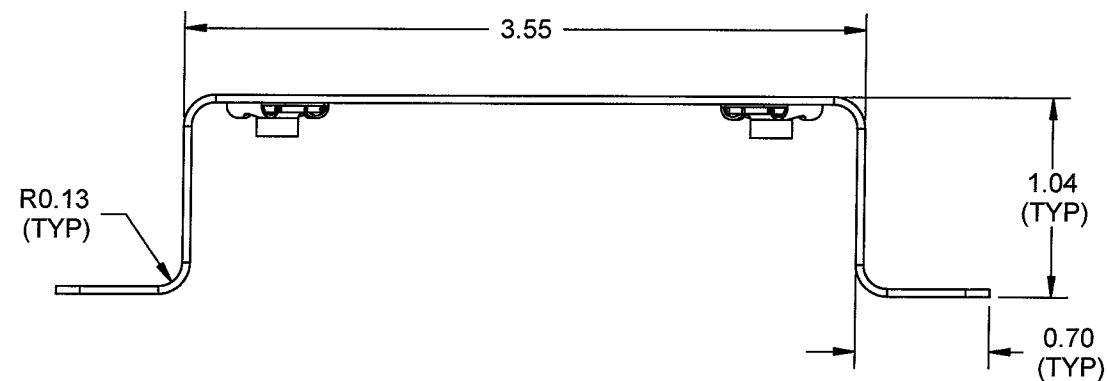
RELEASED
08-07-03 MD

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN AW	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 36 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:2
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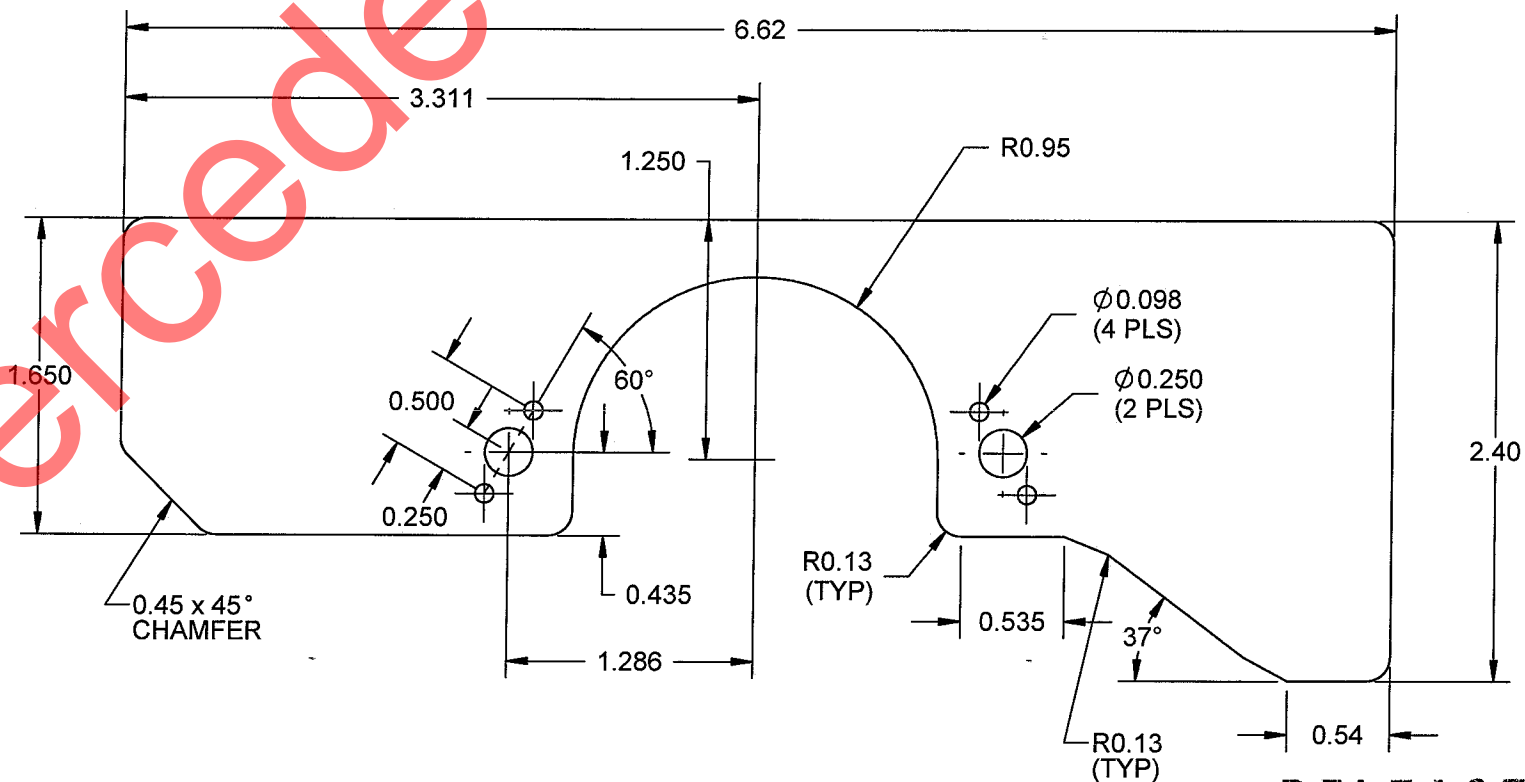
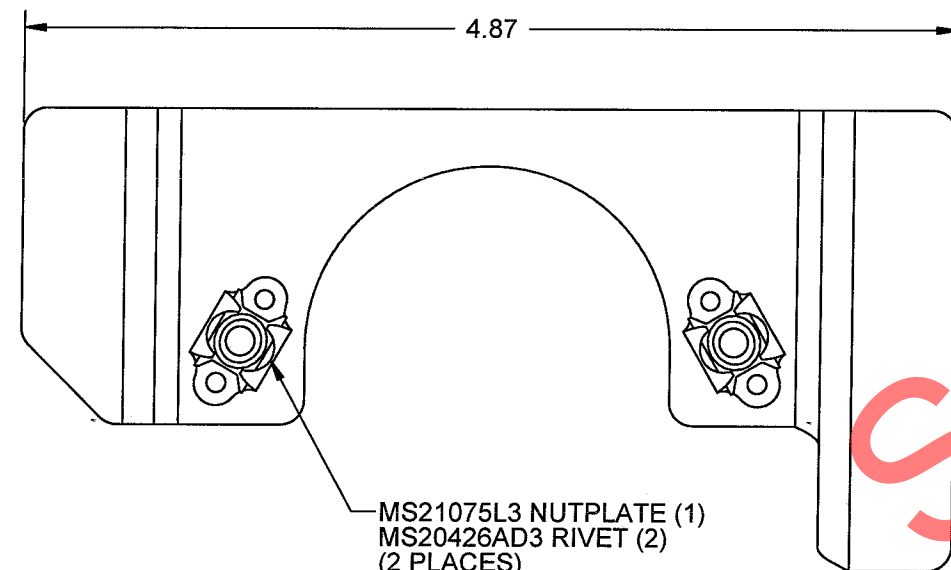
D

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D212-725-1-117 FAIRLEAD BRACKET
(MAKE FROM D212-725-1-117F FLAT PATTERN)

D212-725-1-117F FLAT PATTERN

RELEASED
08-07-03 MJD

NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART M2024T3S.040)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	NO CHANGE
A	06.12.08	NEW ISSUE
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1 REV. B SHEET 37 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:1
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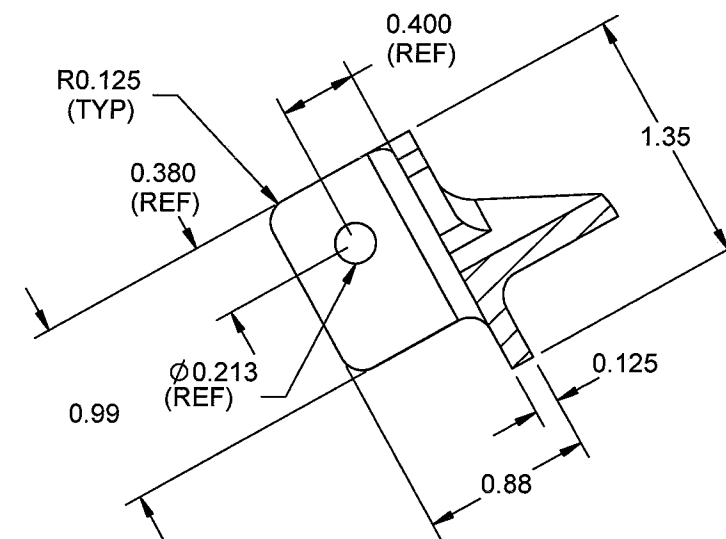
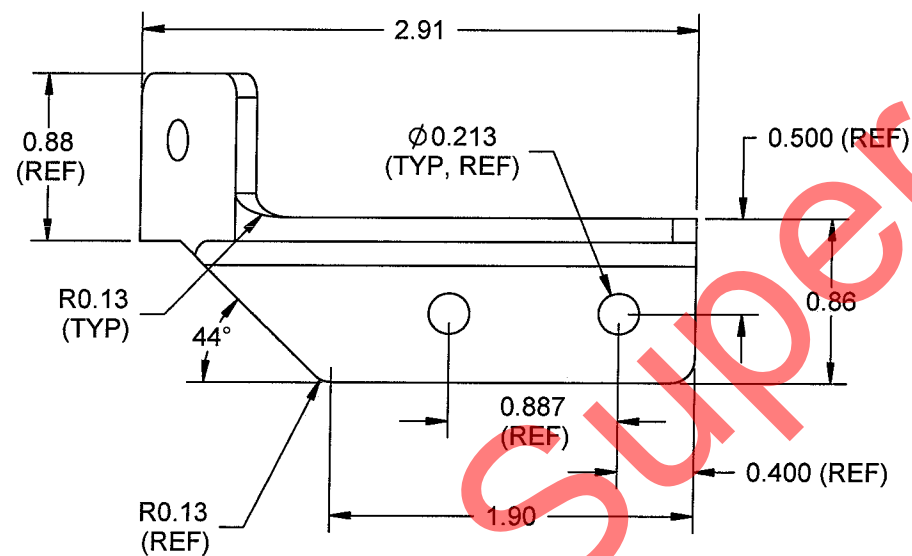
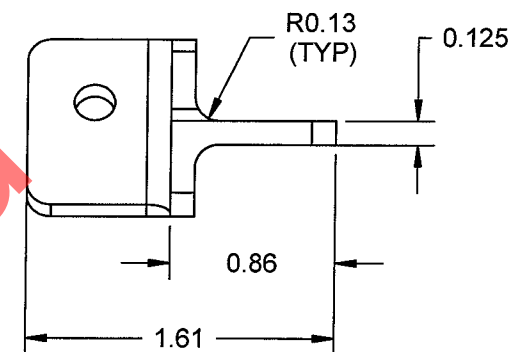
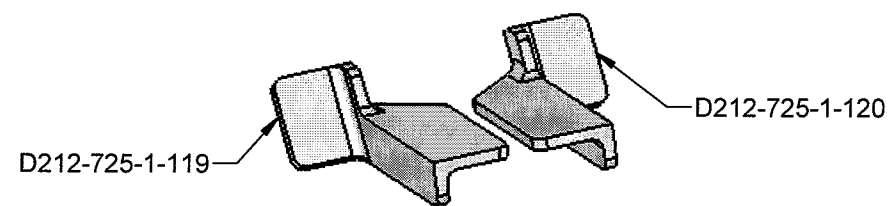
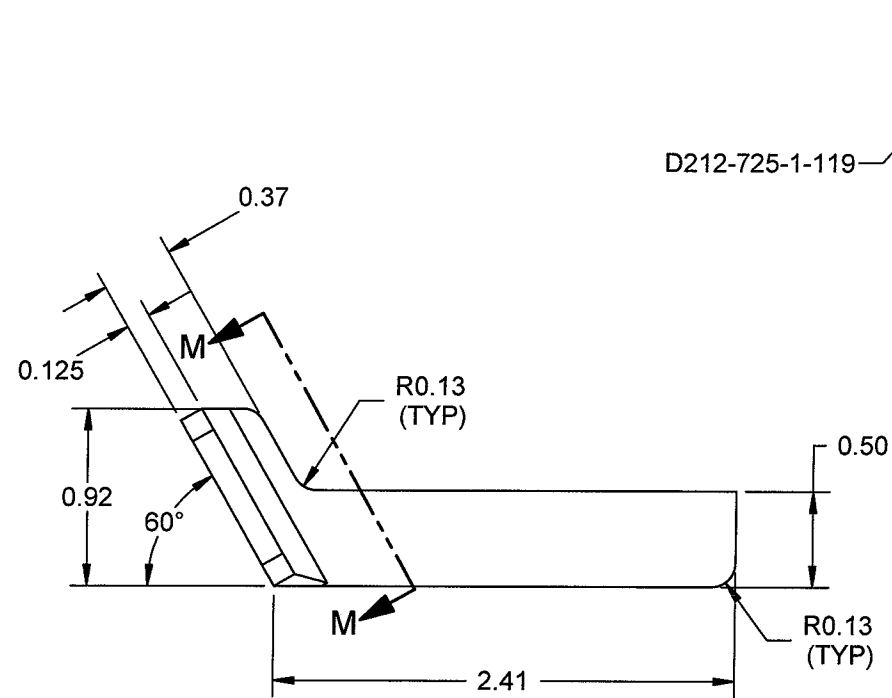
4

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A




**D212-725-1-119 COWL BRACKET, SHOWN
D212-725-1-120 OPPOSITE**
($\phi 0.213$ HOLES TRANSFER FROM AIRCRAFT)

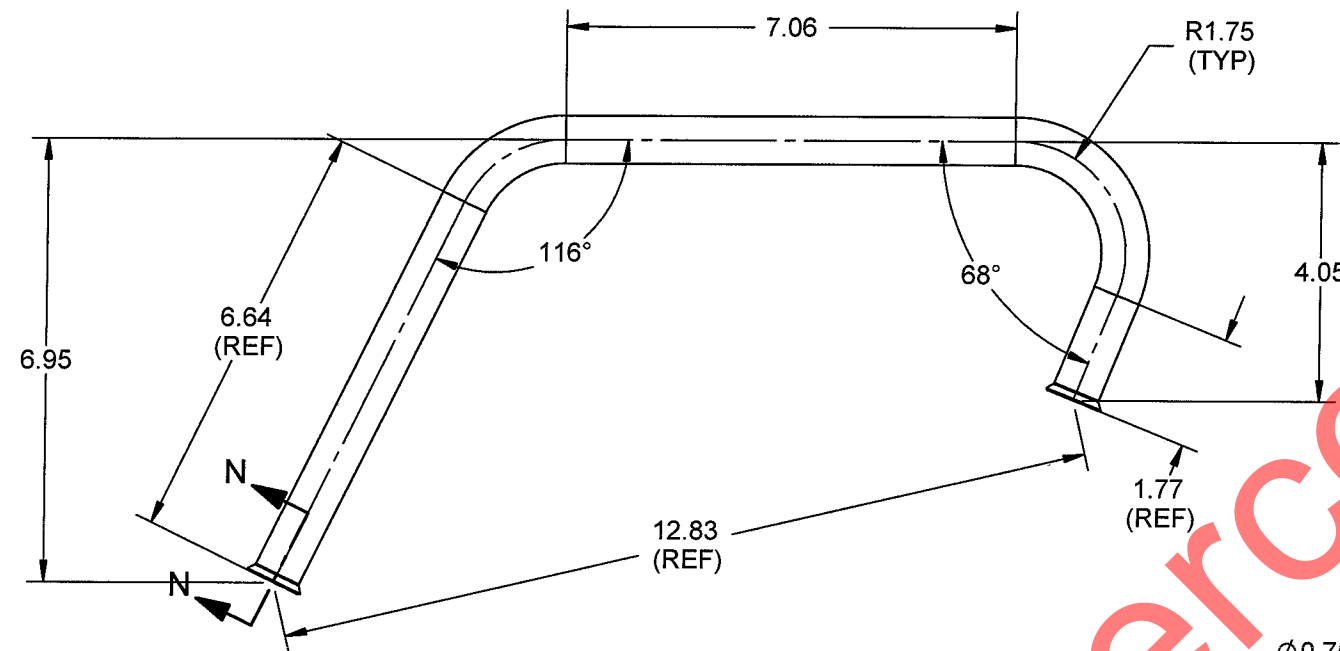
SECTION M-M

RELEASED
08-07-03 MD

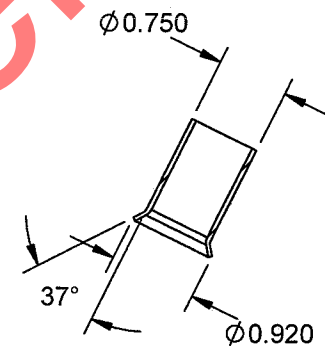
NOTES:

- 1) MATERIAL: 6061-T6 (QQ-A-200/8) OR (QQ-A-225/8) BAR (REF. DART SPEC. M6061T6B)
- 2) FINISH: ACID ETCH ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

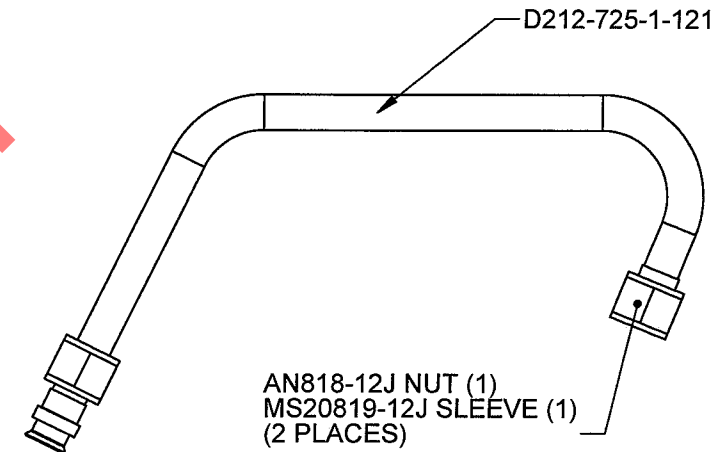
B	07.05.11	ADDED D212-725-1-119/-120	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. 1 SHEET 38 OF 44
DATE 07.05.11	TITLE 212S DETAIL PARTS	SCALE 1:	
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D212-725-1-121 TUBING
MANUFACTURE PER TEMPLATE DT8911



SECTION N-N
(FINISH FLARE ONE END
AFTER ASSEMBLY)
SCALE 1 : 2



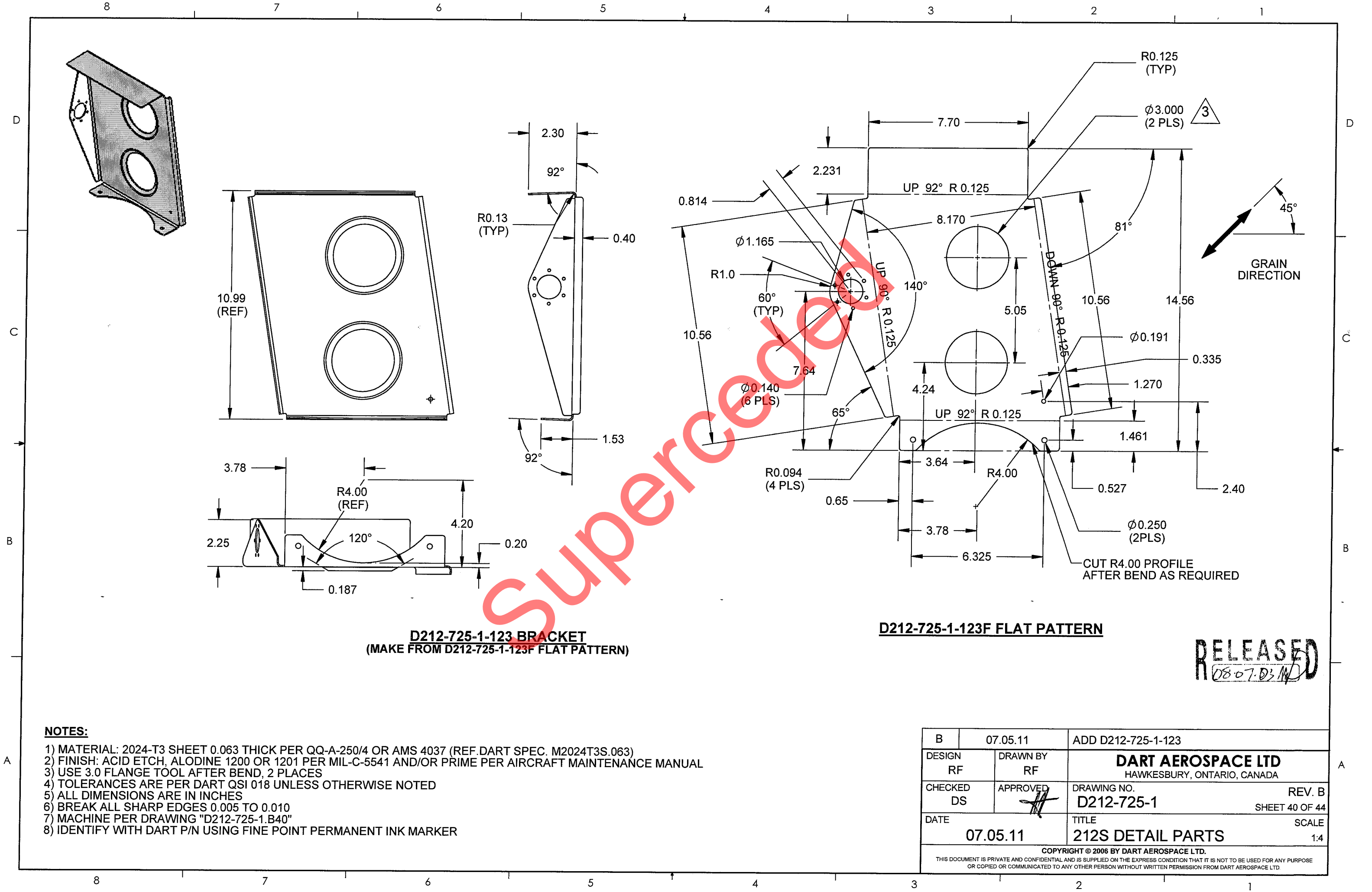
D212-725-1-921 TUBE ASSEMBLY

NOTES:

- 1) MATERIAL: AISI 304/316 SS Ø0.750 x 0.049 WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.750W.049)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY ASSEMBLY WITH DART P/N D212-725-1-921 USING FINE POINT PERMANENT INK MARKER

RELEASED
08-07-03 MD

B	07.05.11	ADD D212-725-1-921	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 39 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:3
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D212-725-1-123 BRACKET
(MAKE FROM D212-725-1-123F FLAT PATTERN)

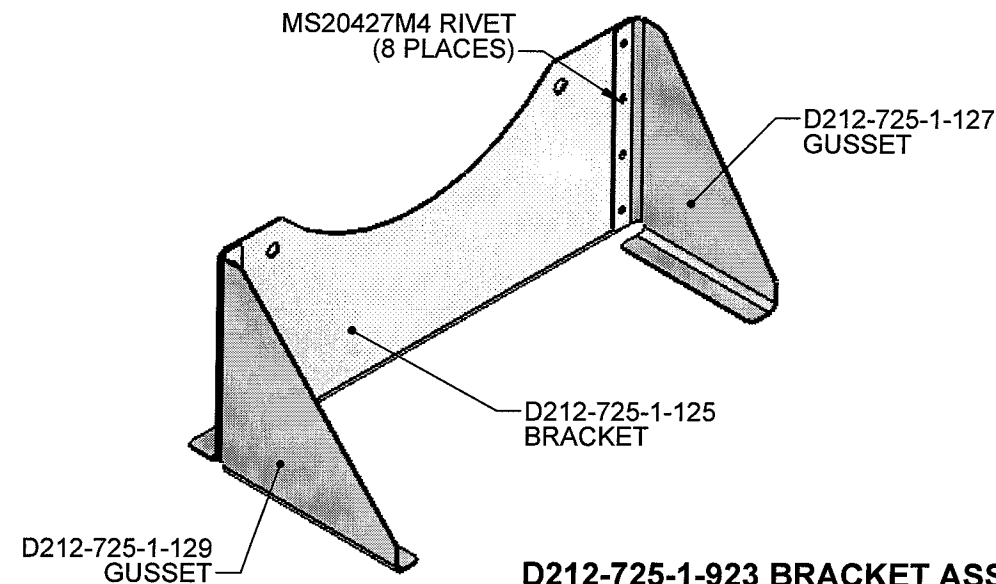
D212-725-1-123F FLAT PATTERN

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08-07-03 M

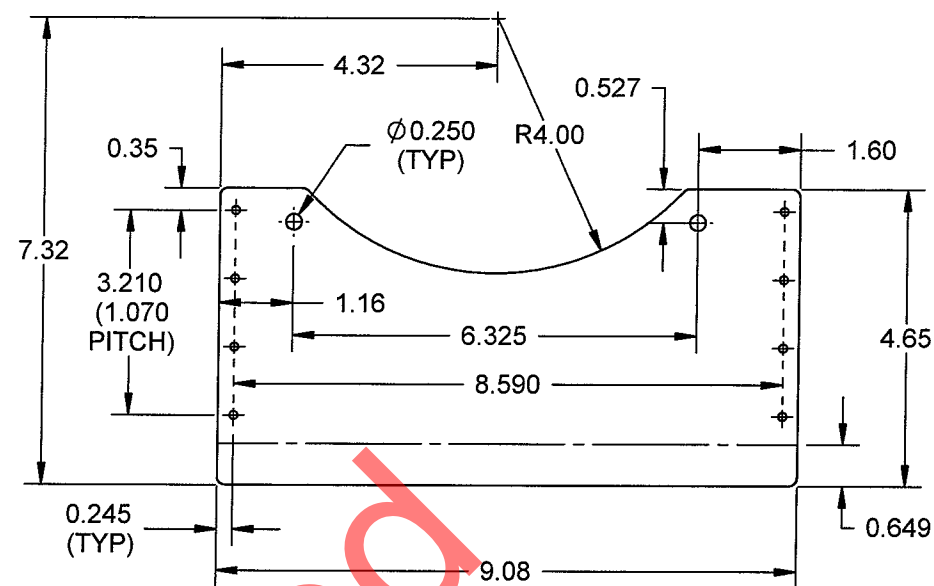
NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.063 THICK PER QQ-A-250/4 OR AMS 4037 (REF DART SPEC. M2024T3S.063)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) USE 3.0 FLANGE TOOL AFTER BEND, 2 PLACES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 7) MACHINE PER DRAWING "D212-725-1.B40"
- 8) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

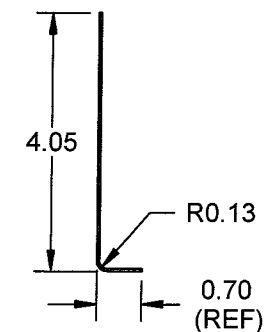
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CHECKED DS	APPROVED <i>[Signature]</i>	DRAWING NO. D212-725-1	REV. B SHEET 40 OF 44
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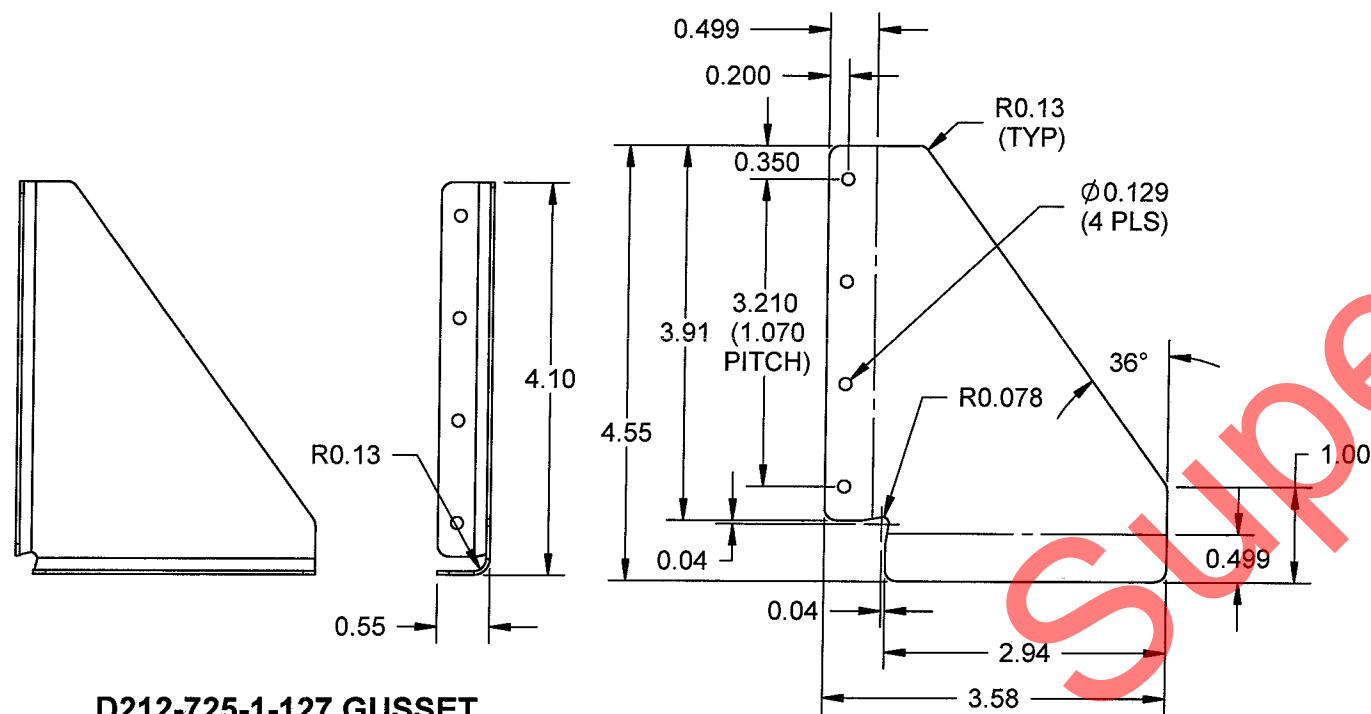
D212-725-1-923 BRACKET ASSEMBLY



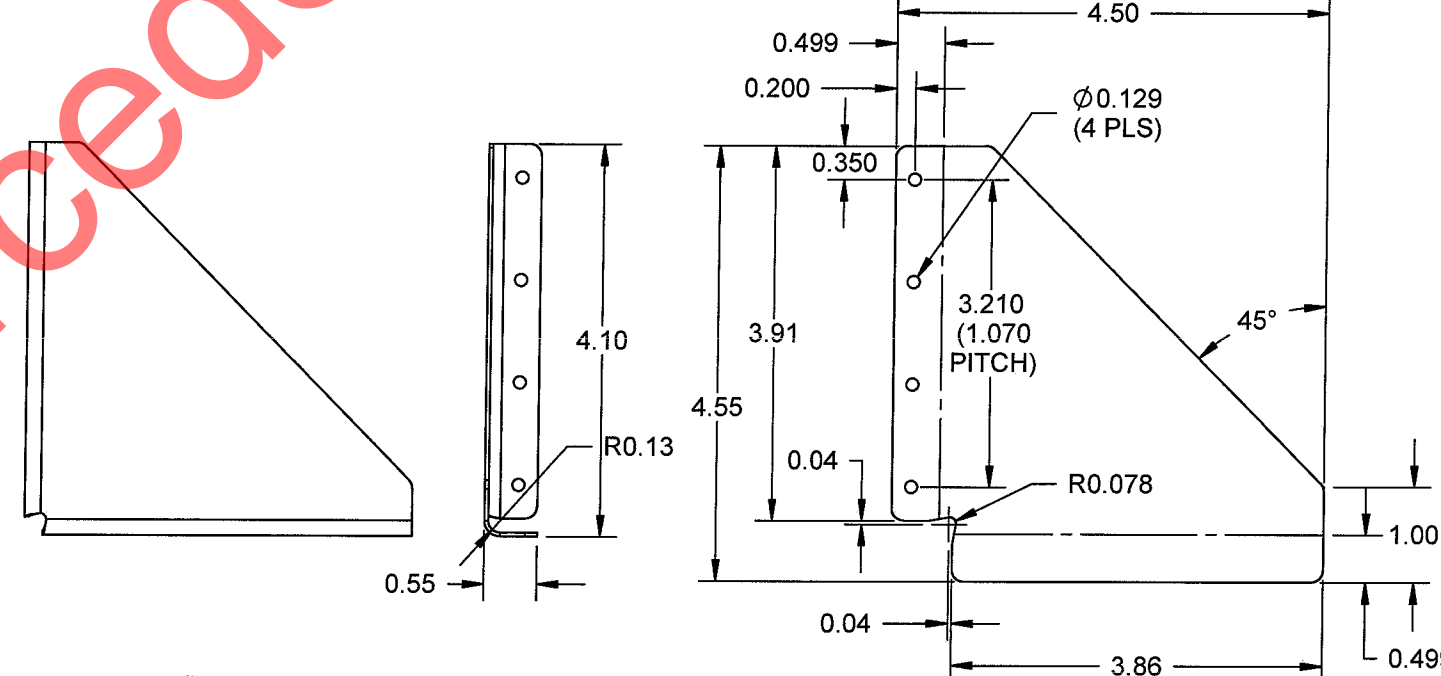
D212-725-1-125F FLAT PATTERN



D212-725-1-125 BRACKET



D212-725-1-127F FLAT PATTERN



D212-725-1-129F FLAT PATTERN


D212-725-1-129 GUSSET

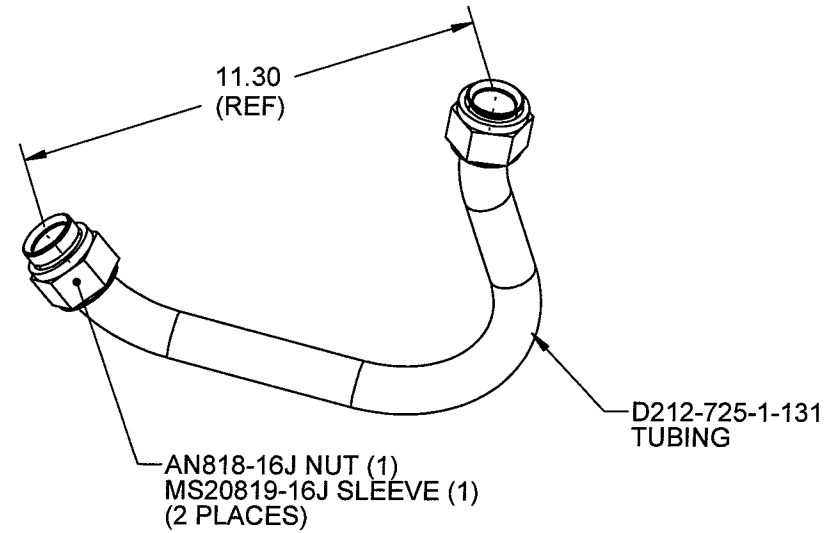
D212-725-1-127 GUSSET

NOTES:

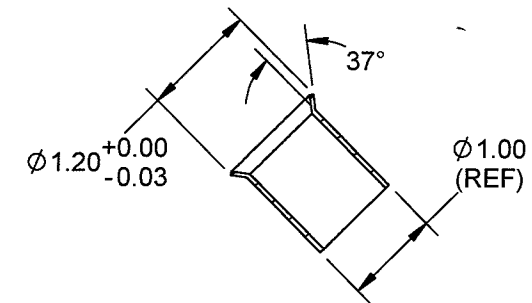
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET 0.040 (19 GAUGE) THICK PER MIL-S-5019 (REF. DART SPEC. M304S19GA)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY ASSEMBLY WITH DART P/N D212-725-1-923 USING FINE POINT PERMANENT INK MARKER

RELEASED
08-07-03 MD

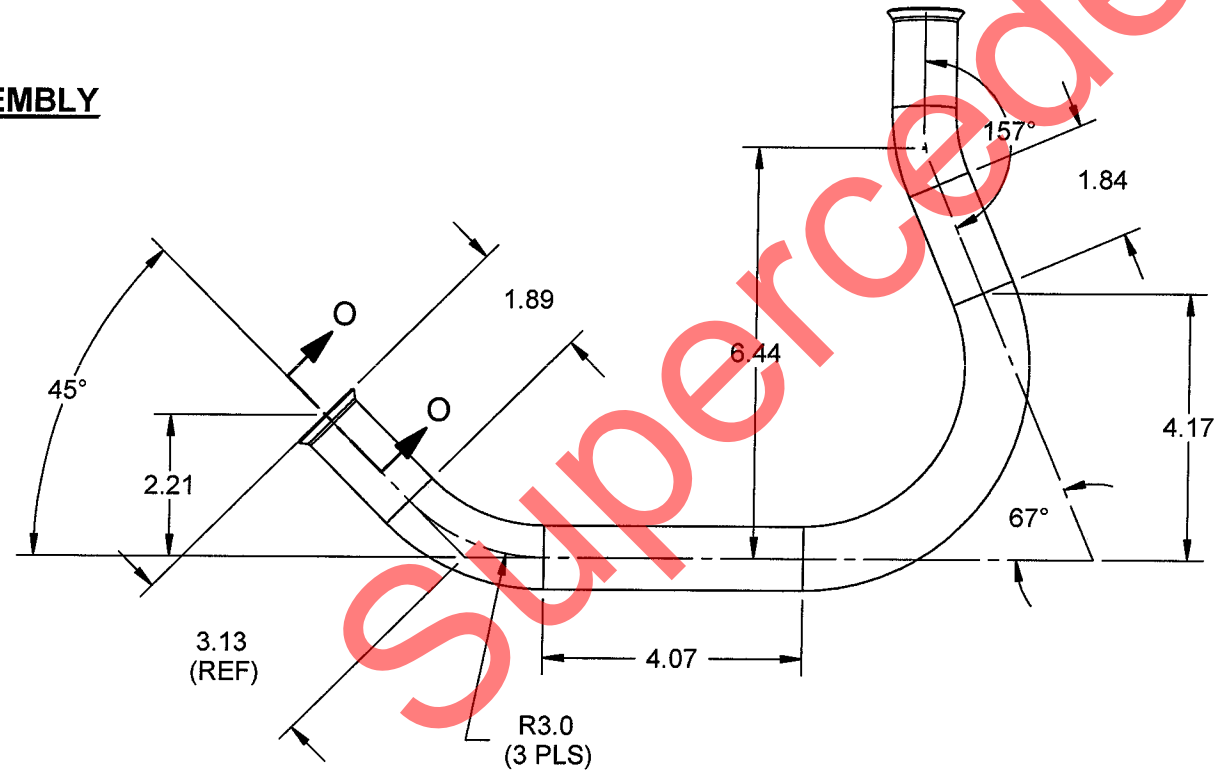
B	07.05.11	ADDED D212-725-1-125/-127/-129-923	
DESIGN RF	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 41 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:2
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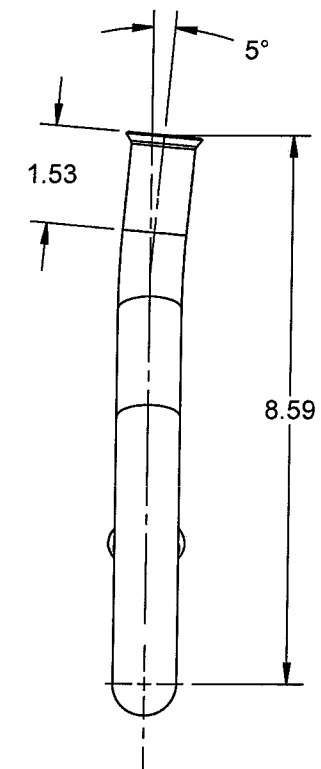
D212-725-1-925 TUBE ASSEMBLY



SECTION O-O
SCALE 1:2
(FINISH FLARE ONE END
AFTER ASSEMBLY)



D212-725-1-131 TUBING MANUFACTURE PER TEMPLATE DT8912

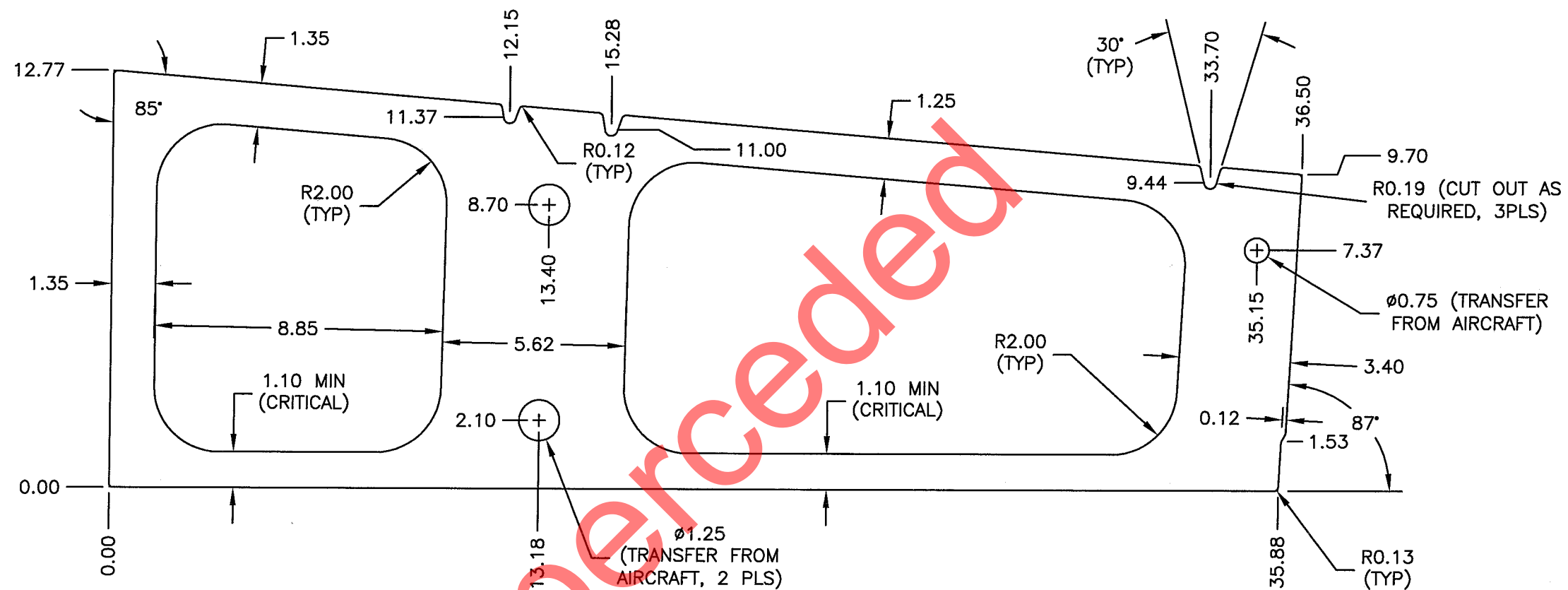


RELEASED
08-07-03 MD

NOTES:

- 1) MATERIAL: AISI 304/316 SS $\phi 1.00$ X 0.049 WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR1.000W.049)
- 2) FINISH: NONE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) IDENTIFY WITH DART P/N D212-725-1-925 USING FINE POINT PERMANENT INK MARKER

B	07.05.11	ADDED D212-725-1-131	
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 42 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:3
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D212-725-1-133 DOUBLER

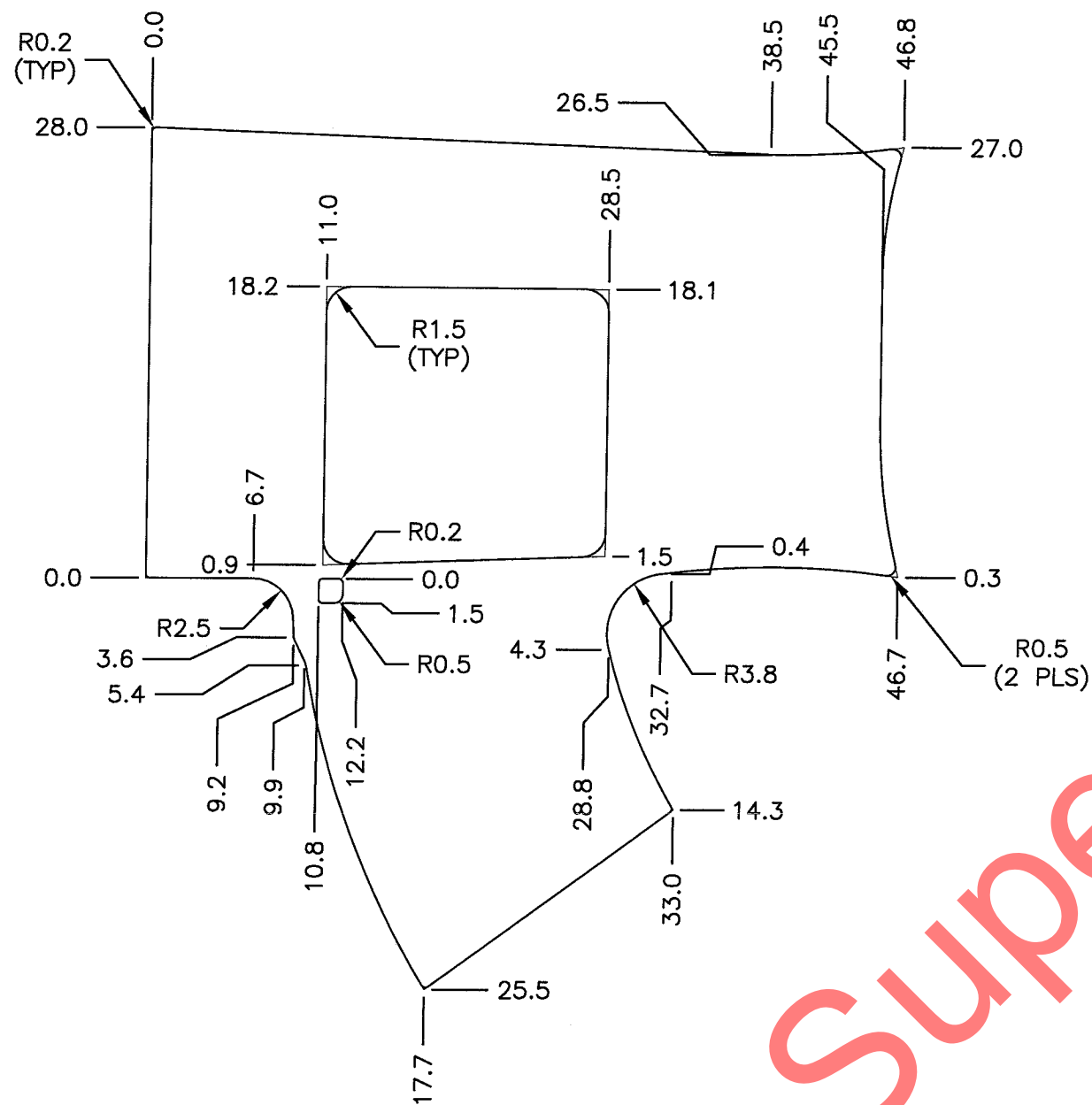
ALL DIMENSIONS ARE REFERENCE EXCEPT AS NOTED
LAYOUT USING TEMPLATE

RELEASED
08-07-03

NOTES:

- 1) MATERIAL: 7075-T6 OR 7075-T62 (QQ-A-250/13) 0.050 ALUMINUM SHEET (REF. DART SPEC. M7075T6S0.050)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	ADDED D212-725-1-133
DESIGN DS	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED <i>[Signature]</i>	DRAWING NO. D212-725-1
DATE 07.05.11	TITLE 212S DETAIL PARTS	REV. B SHEET 43 OF 44 SCALE 1:4

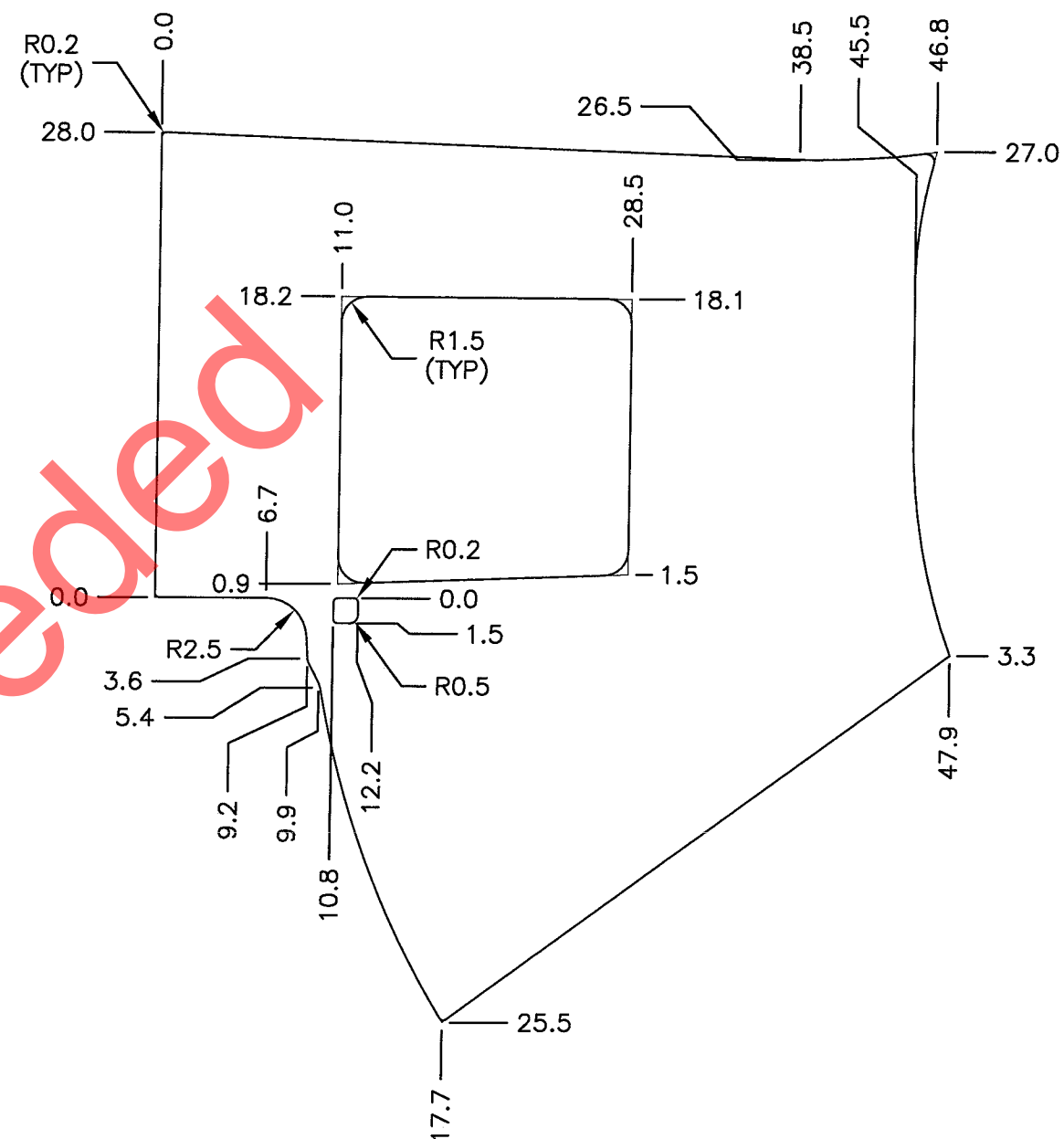


D212-725-1-135 DOUBLER

LAYOUT USING TEMPLATE & FORM PER AIRCRAFT CONTOUR
ALL DIMENSIONS ARE REFERENCE

NOTES:

- 1) MATERIAL: 2024-T3 (QQ-A-250/5) 0.071 ALUMINUM SHEET (REF. DART SPEC. M2024T3S0.071)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER



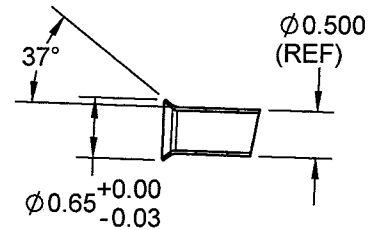
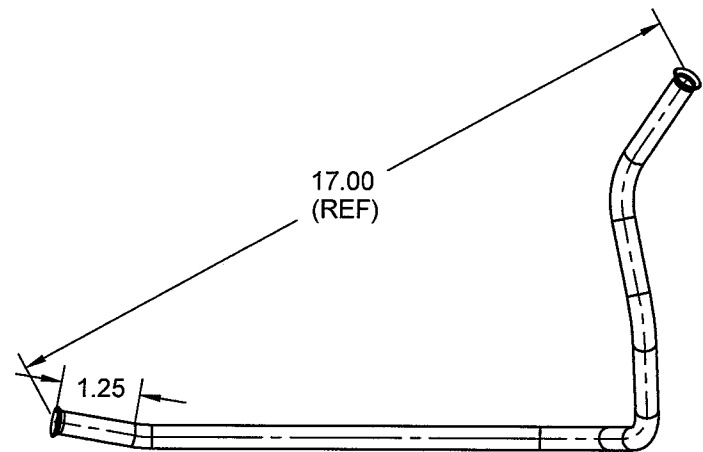
D212-725-1-193 DOUBLER

LAYOUT USING TEMPLATE & FORM PER AIRCRAFT CONTOUR
ALL DIMENSIONS ARE REFERENCE

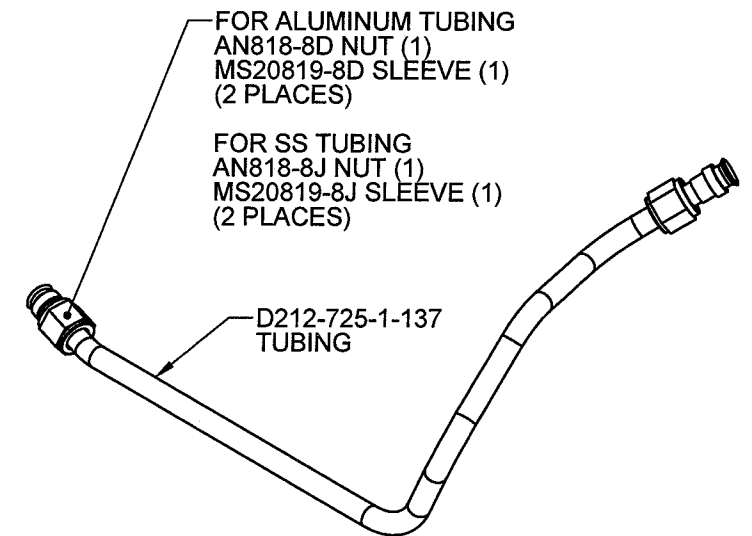


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08-07-03 MD

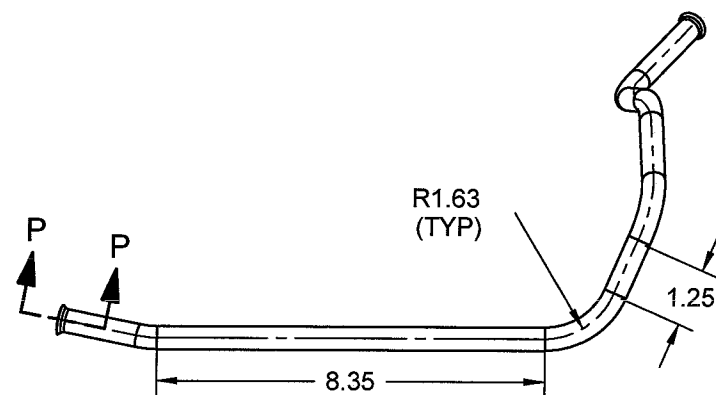
DESIGN DS	DRAWN BY RF	DART DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1
DATE 08.03.14	TITLE 212S DETAIL PARTS	REV. D SHEET 44 OF 67 SCALE NTS



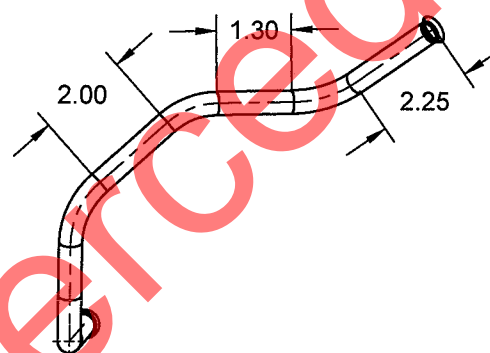
SECTION P-P
SCALE 1:2
(FINISH FLARE ONE
END AFTER ASSEMBLY)



D212-725-1-927 TUBE ASSEMBLY



D212-725-1-137 TUBING
MANUFACTURE PER TEMPLATE DT8913



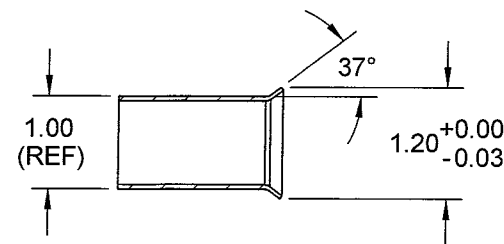
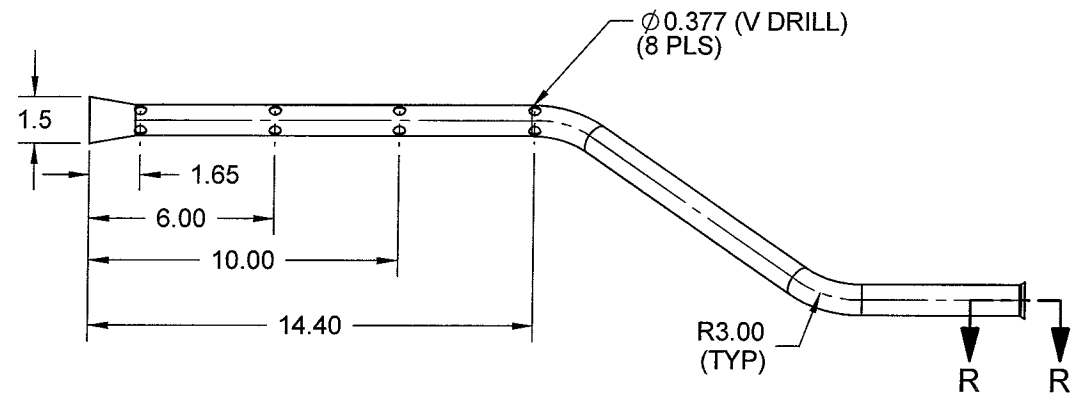
RELEASED
08-07-03 MD

NOTES:

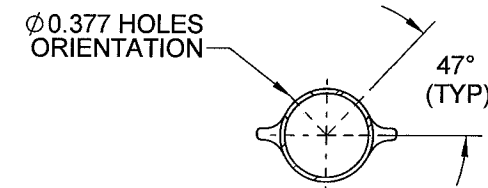
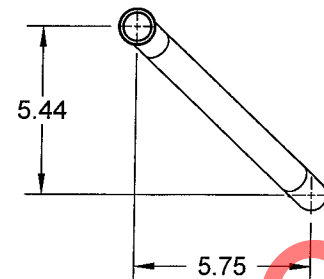
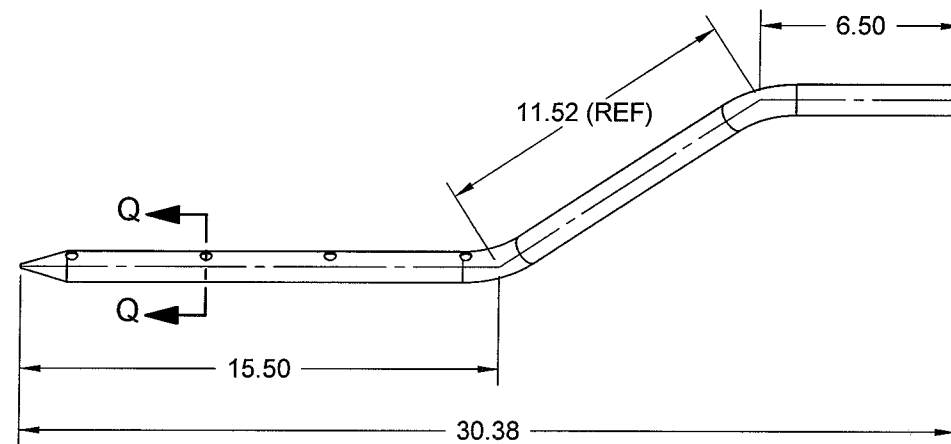
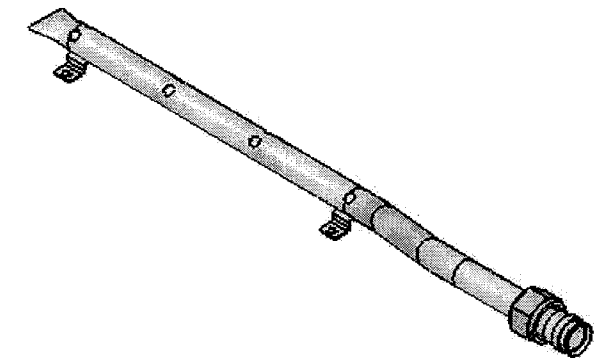
- 1) MATERIAL: 6061-T6 OR 6061-T62 ALUMINUM TUBING $\varnothing 0.500 \times 0.035$ WALL (REF. DART SPEC. M6061T6TR0.500W0.035) OR AISI 304/316 SS $\varnothing 0.500 \times 0.035$ WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR0.500W0.035)
- 2) FINISH: FOR ALUMINUM ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D212-725-1-927 USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. C
MFG. APPR.	N/A	D212-725-1	SHEET 45 OF 49
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	212S DETAIL PARTS	1:4
DATE	07.12.04	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

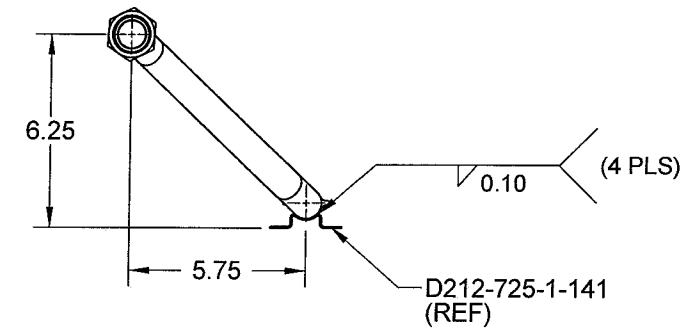
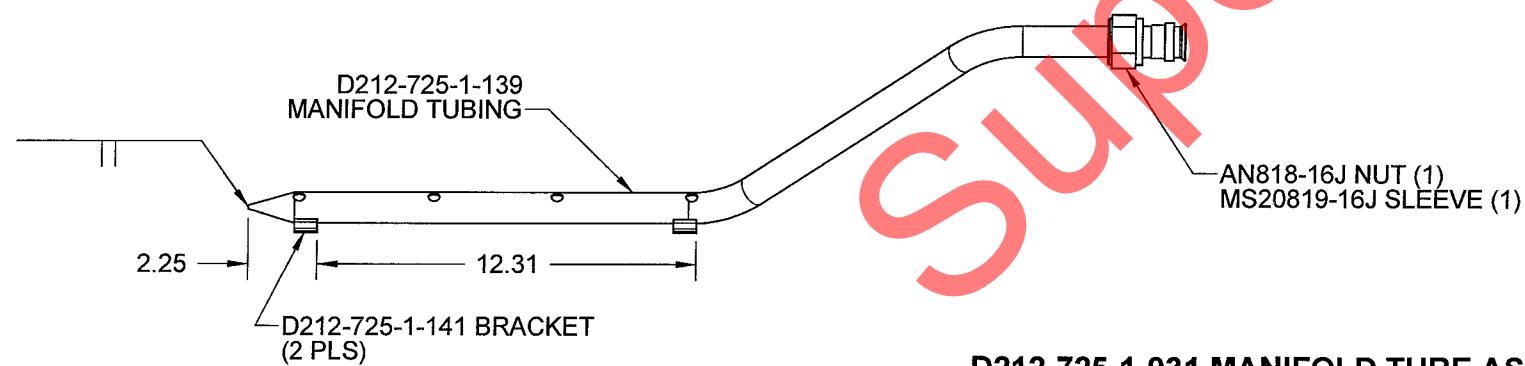


SECTION R-R
(FLARE AFTER
ASSEMBLY OF
SLEEVE & NUT)



SECTION Q-Q

D212-725-1-139 MANIFOLD TUBING
MANUFACTURE PER TEMPLATE DT8914



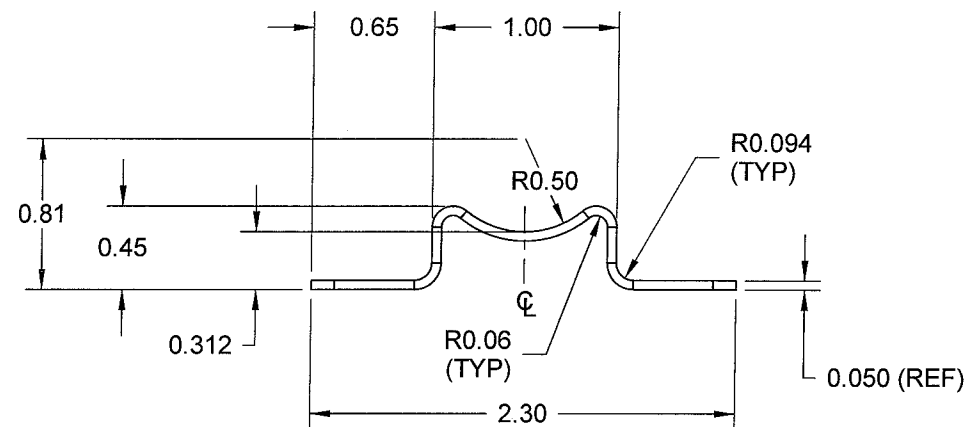
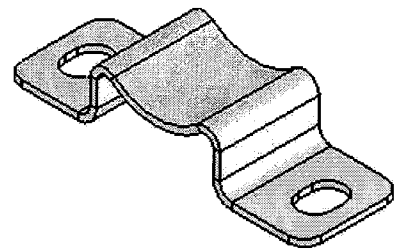
D212-725-1-931 MANIFOLD TUBE ASSY

NOTES:

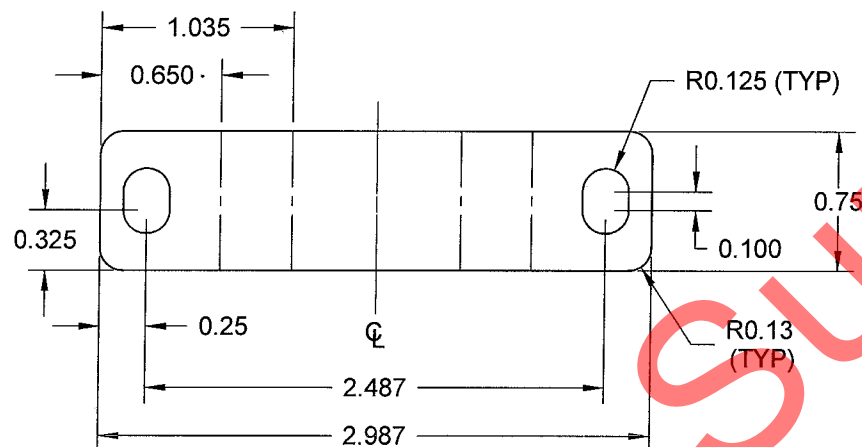
- 1) MATERIAL: AISI 304/316 SS ϕ 1.00 x 0.049 WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR1.000W.049)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D212-725-1-931 USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A
- 8) WELD PER DART QSI 004

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08-07-03 MD

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO. D212-725-1	REV. C
MFG. APPR.			SHEET 46 OF 49
APPROVED		TITLE 212S DETAIL PARTS	SCALE 1:6
DE APPR.		COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	07.12.04		



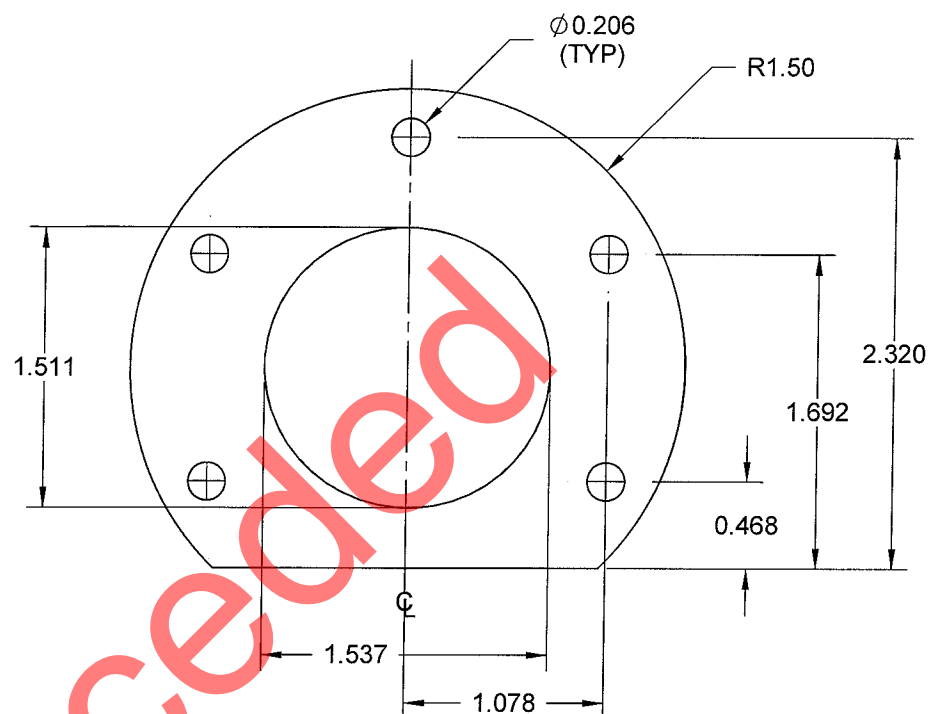
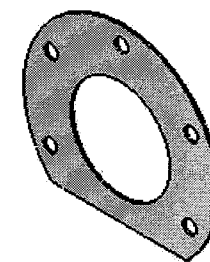
D212-725-1-141 BRACKET
(MAKE FROM D212-725-1-141F)



D212-725-1-141F FLAT PATTERN

D212-725-1-141 NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.050 THICK (18 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S18GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A






D212-725-1-143 BASE PLATE

D212-725-1-143 NOTES:

- 1) MATERIAL: AISI 301/304 STAINLESS STEEL 1/4 HARD 0.032 THICK (22 GAUGE) SHEET, PER MIL-S-5019 (REF. DART SPEC. M304S22GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

RELEASED
08-07-03 MD

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	IDS	DRAWING NO.	REV. C
MFG. APPR.		D212-725-1	SHEET 47 OF 49
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	1:
DATE	07.12.04	COPYRIGHT © 2006 BY DART AEROSPACE LTD	
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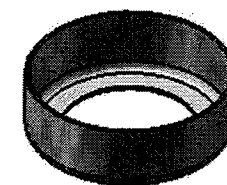
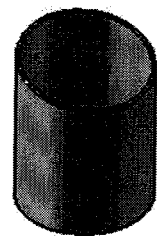
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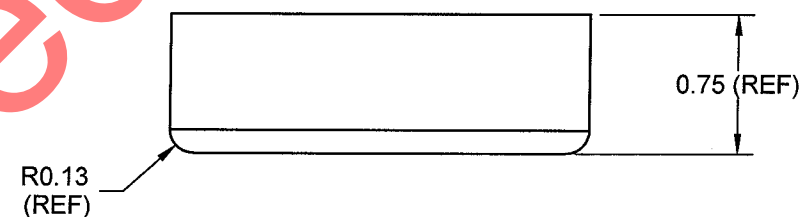
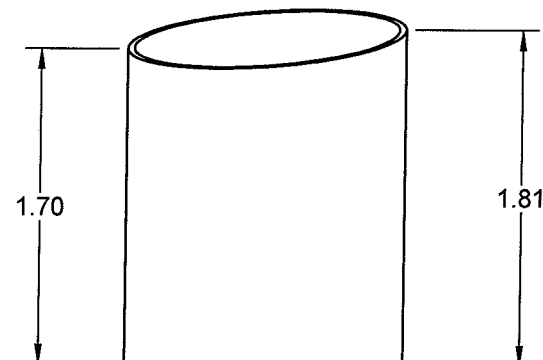
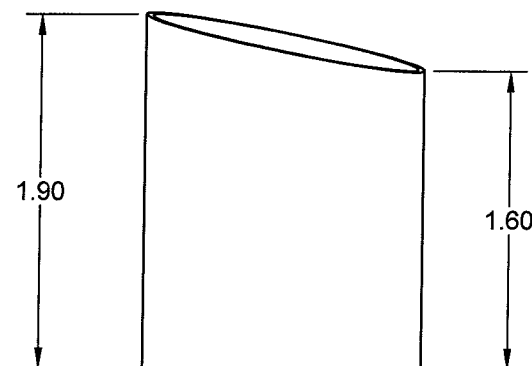
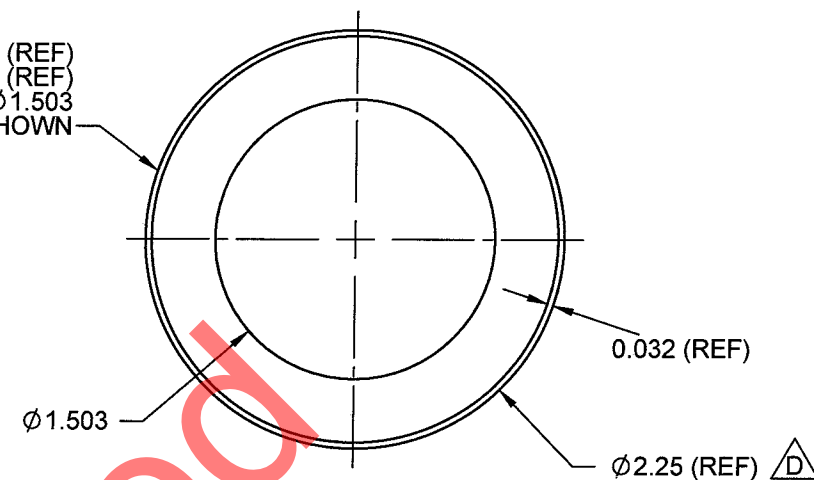
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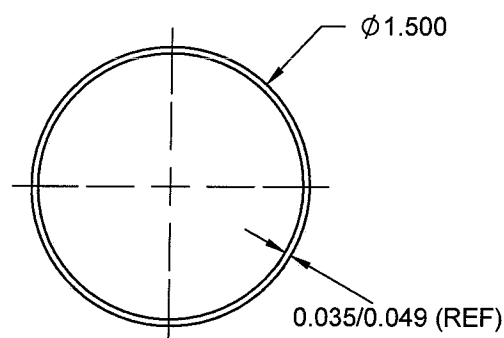
1



BELL P/N 204-060-767-001 (REF)
OR 204-060-741-001 (REF)
OPEN TO $\varnothing 1.503$
AS SHOWN



D212-725-1-147 TUBE



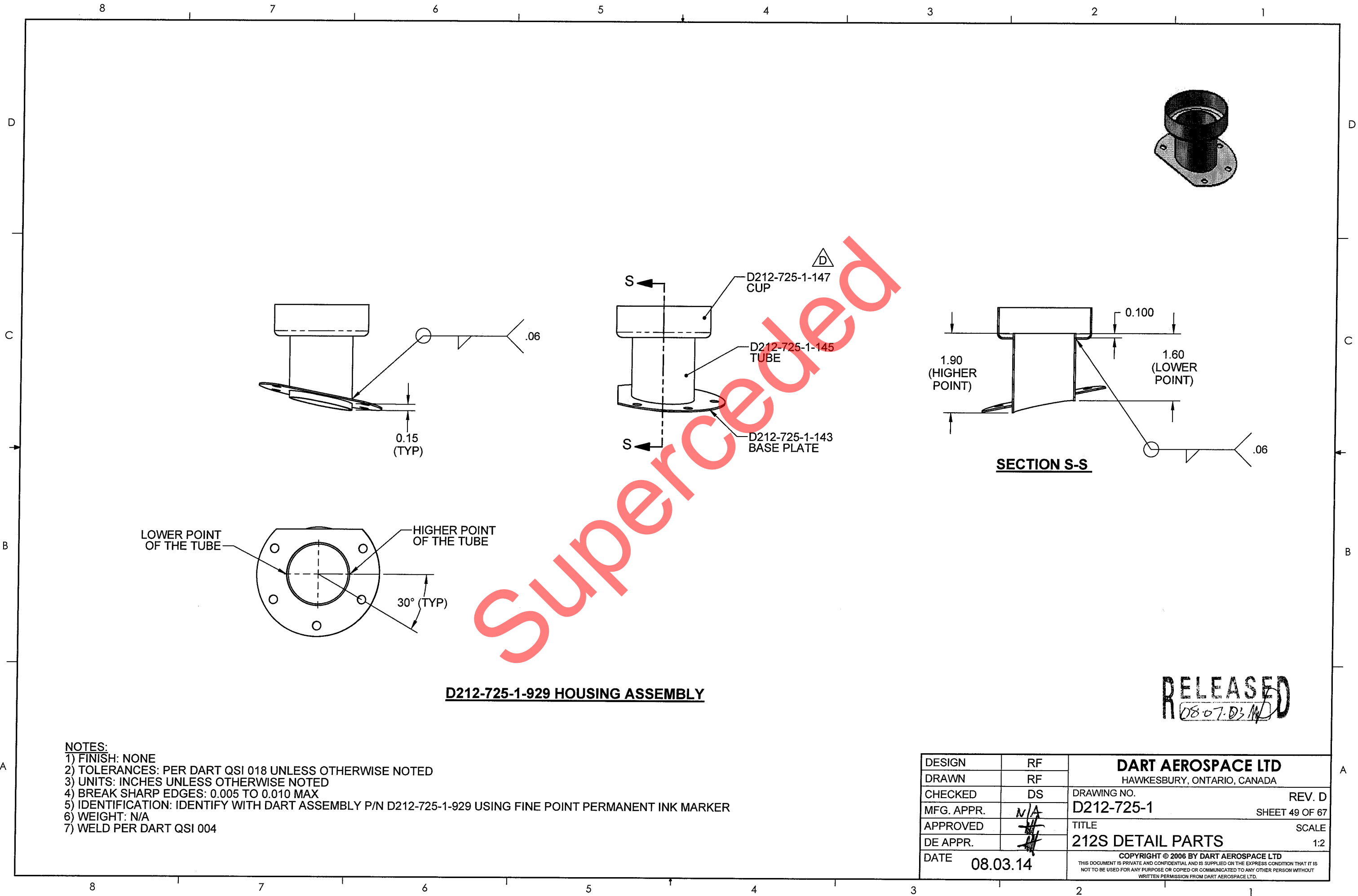
D212-725-1-145 TUBE

D212-725-1-145 NOTES:

- 1) MATERIAL: AISI 304/316 SS $\varnothing 1.500 \times 0.049/0.035$ WALL SEAMLESS ROUND TUBING (REF. DART SPEC. M304TR1.500W.049/0.035)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

RELEASED
08-07-03 MD

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 48 OF 67
APPROVED	#	TITLE	SCALE
DE APPR.	#	212S DETAIL PARTS	1:1
DATE	08.03.14	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



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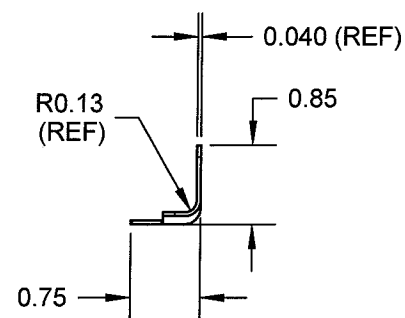
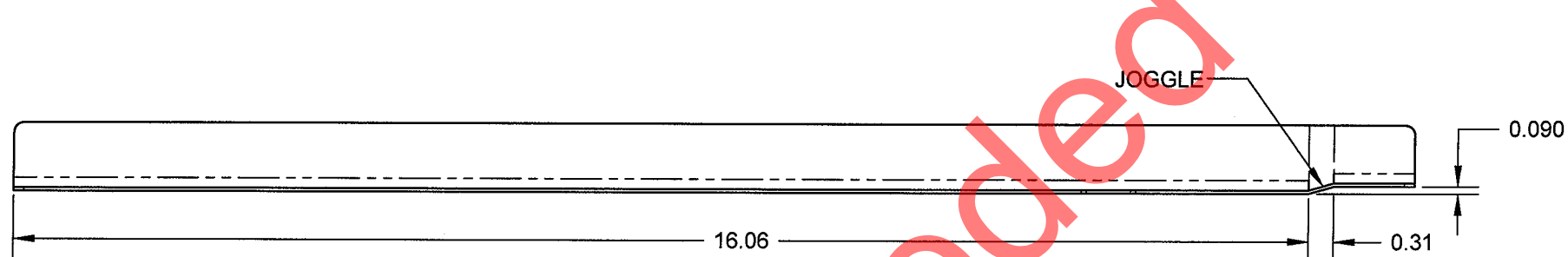
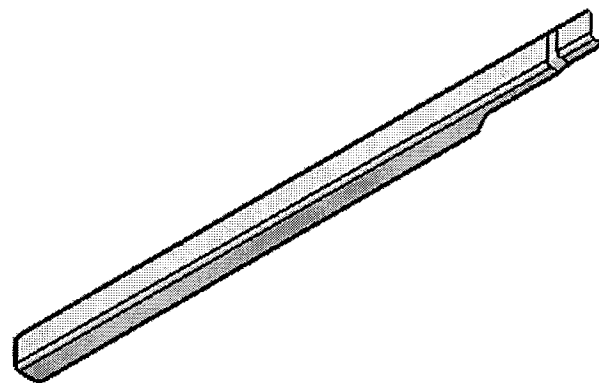
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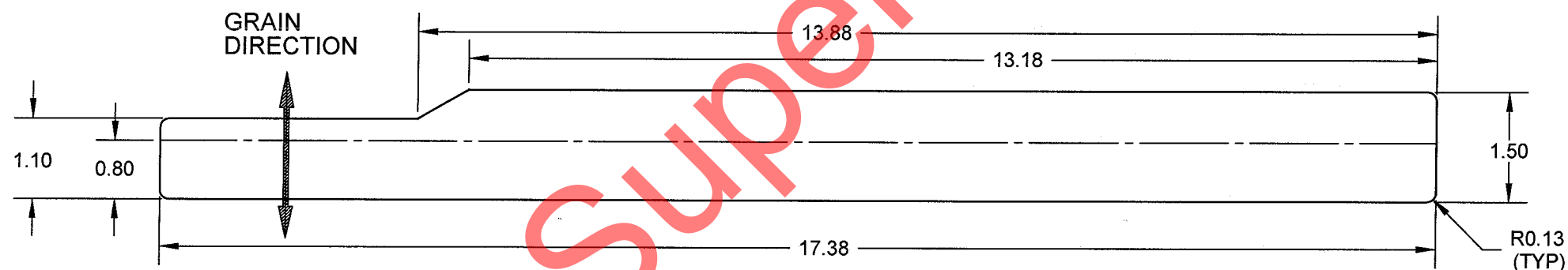
B

A

A



D212-725-1-149F ANGLE
(MAKE FROM D212-725-1-149F)



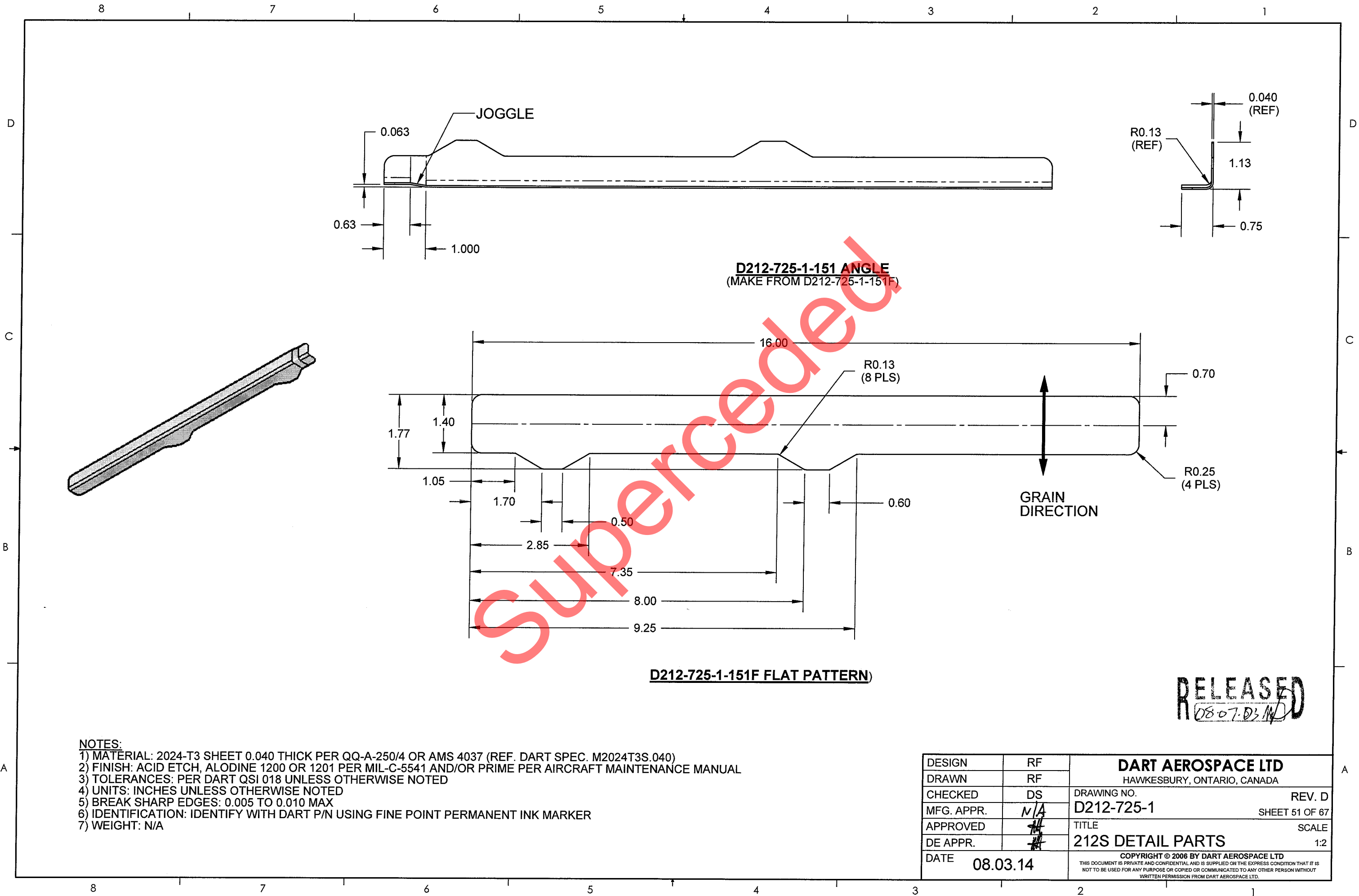
D212-725-1-149F FLAT PATTERN

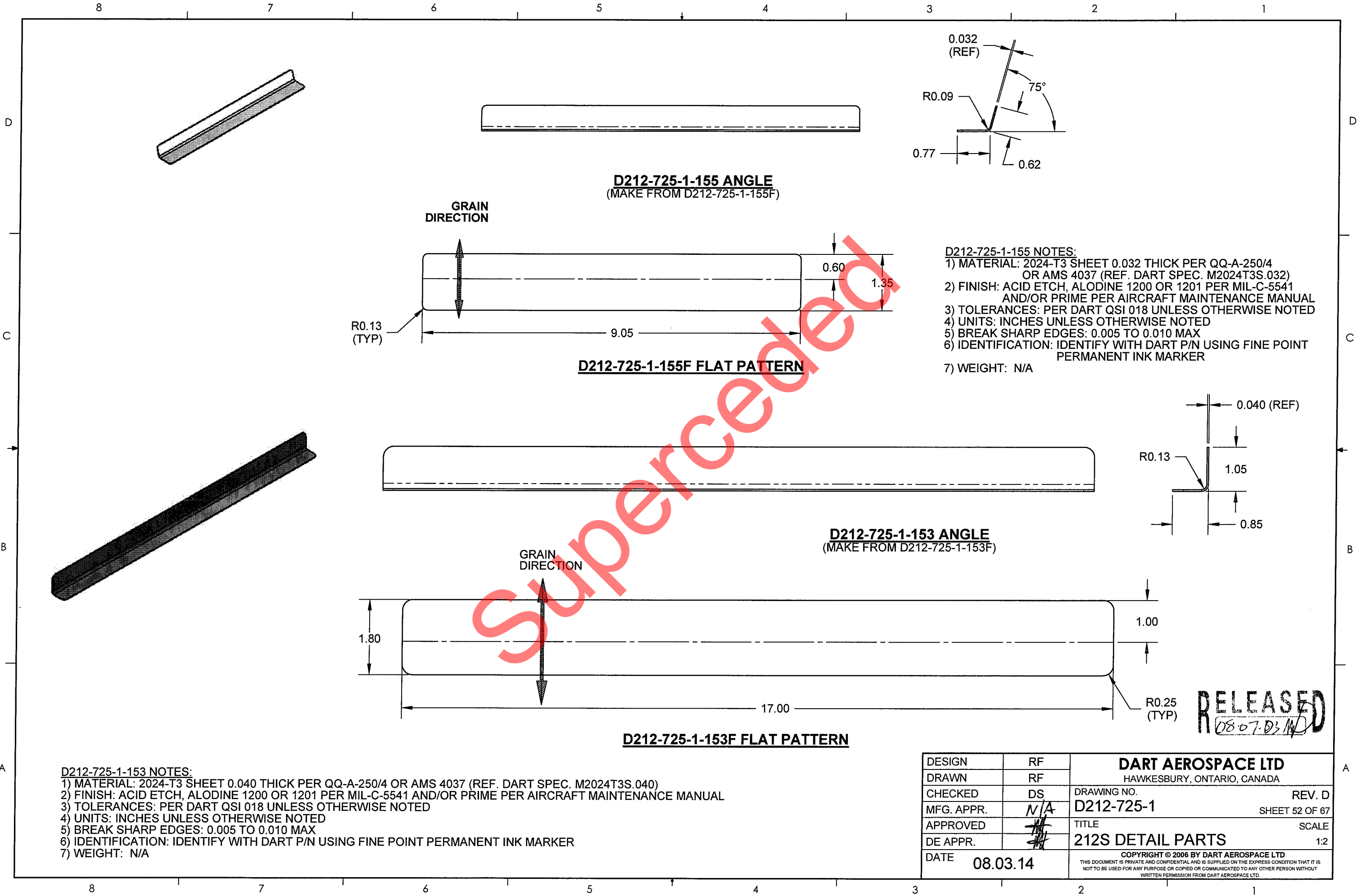
RELEASED
08-07-03 MD

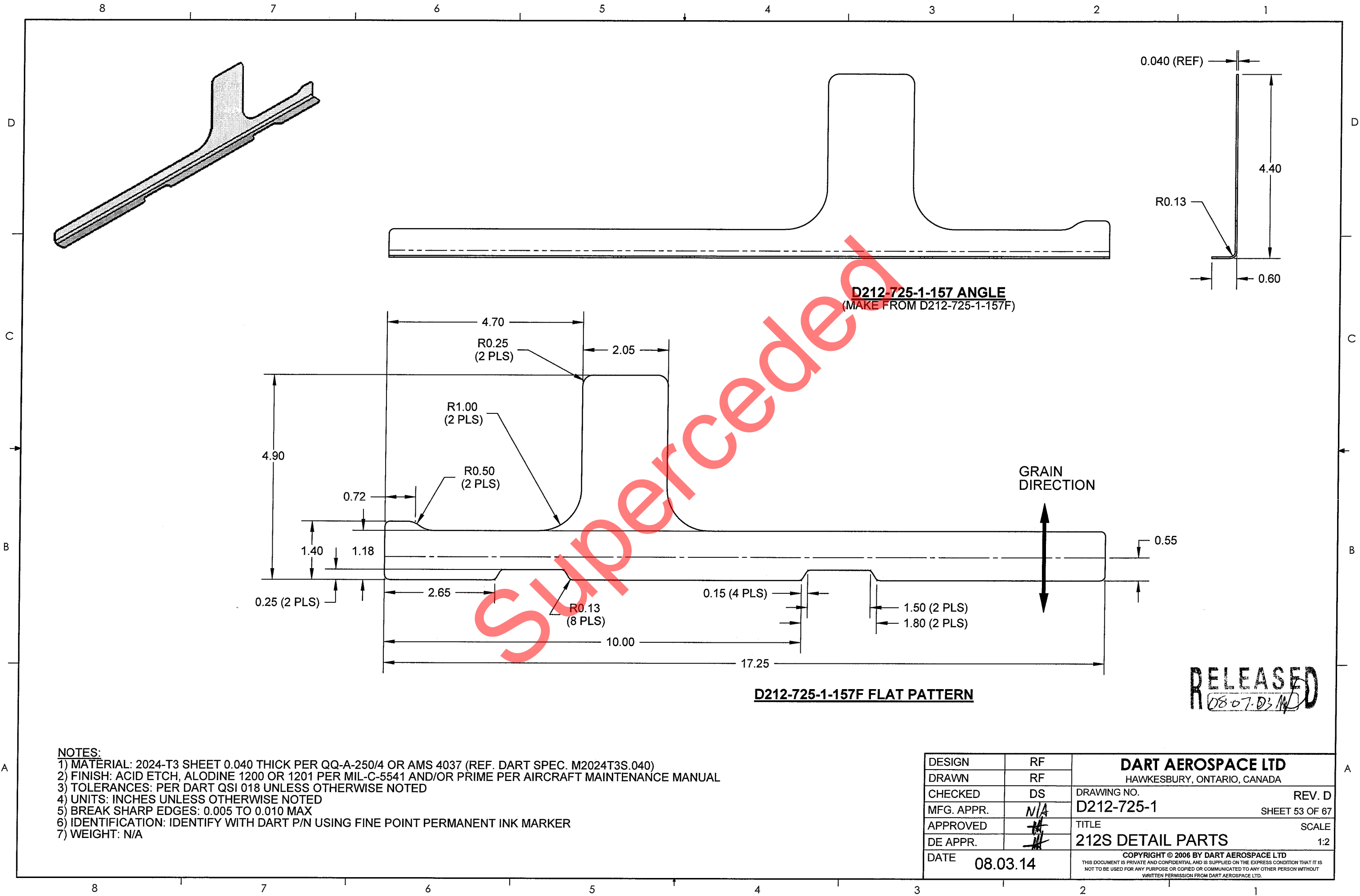
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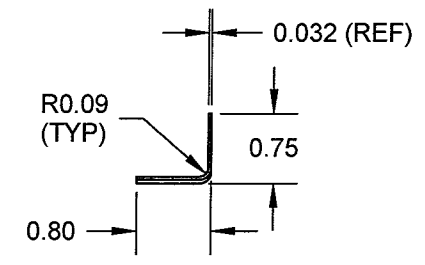
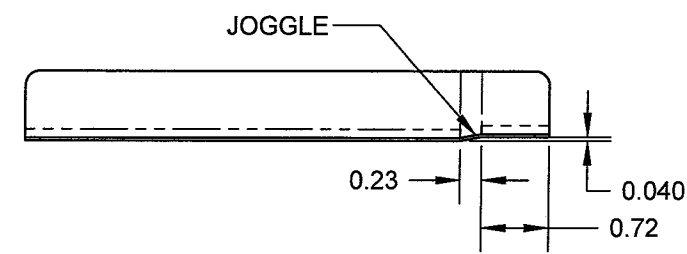
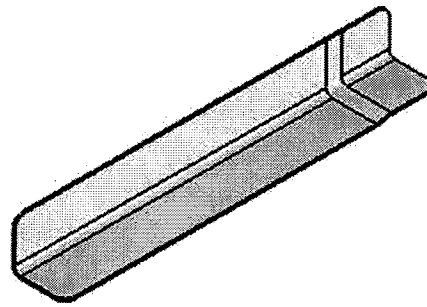
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 50 OF 67
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	1:2
DATE	08.03.14	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

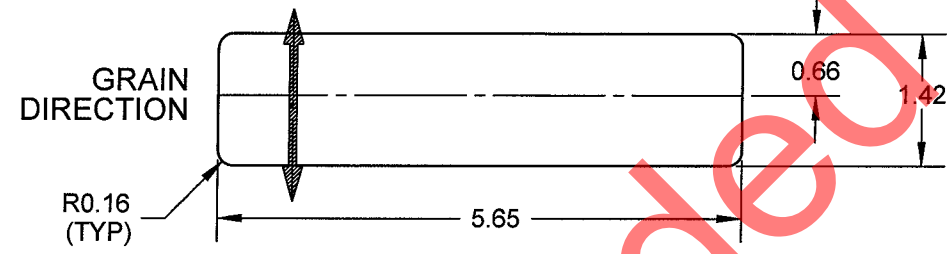




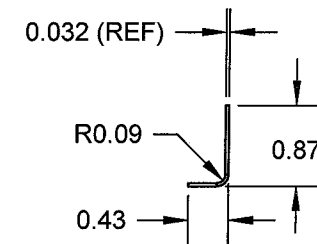
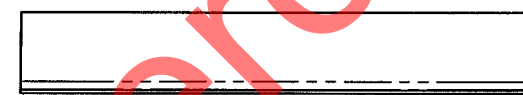
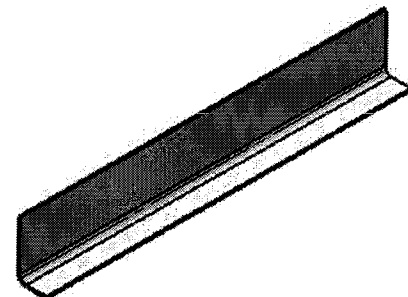




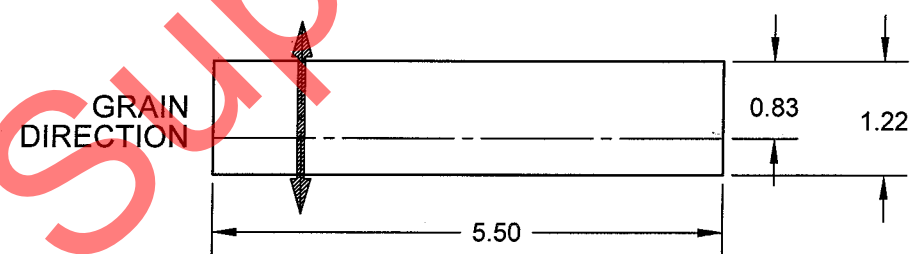
D212-725-1-159 ANGLE
(MAKE FROM D212-725-1-159F)



D212-725-1-159F FLAT PATTERN



D212-725-1-161 STIFFENER
(MAKE FROM D212-725-1-161F)



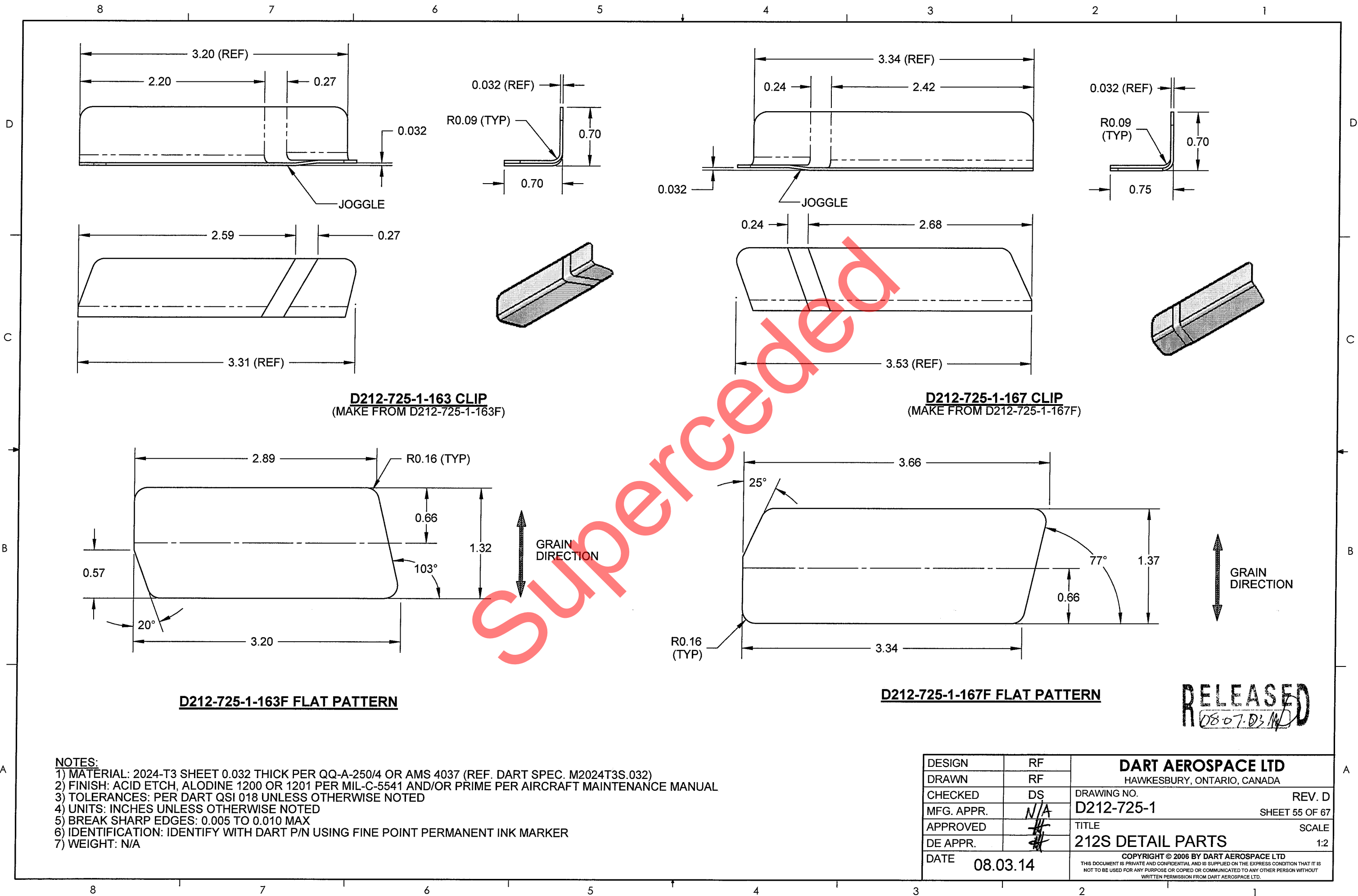
D212-725-1-161F FLAT PATTERN

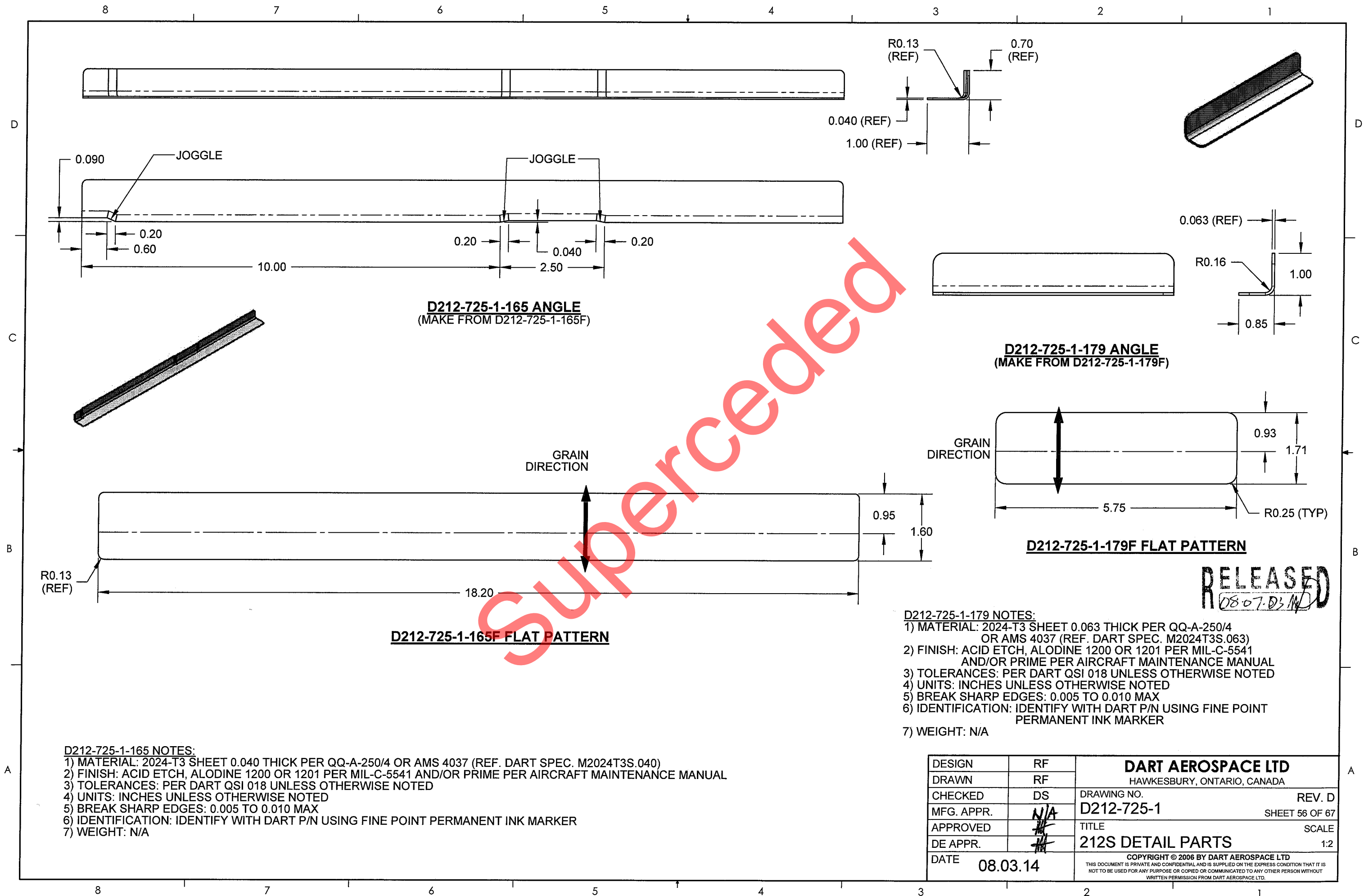
D212-725-1-159/-161NOTES:

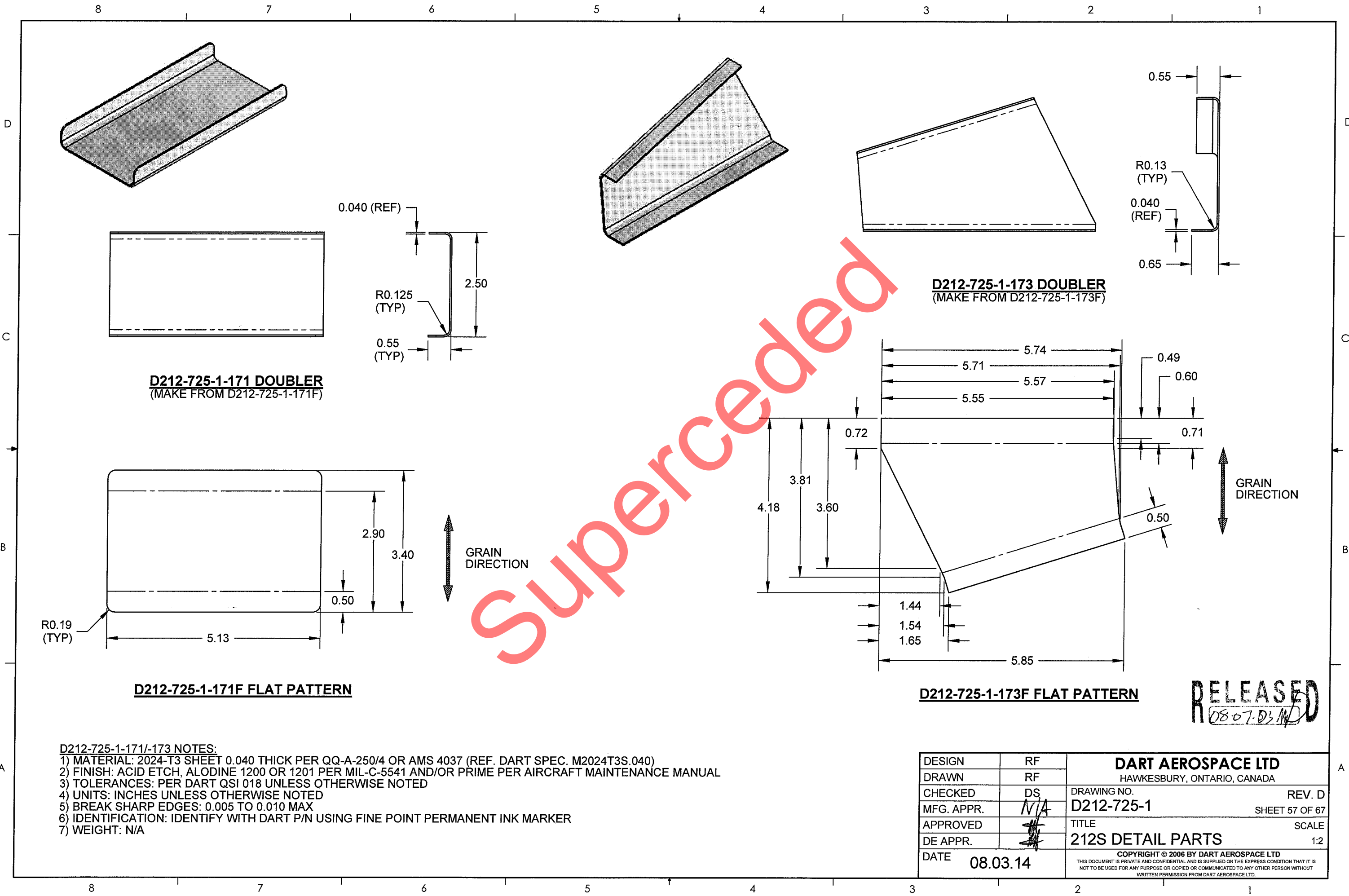
- 1) MATERIAL: 2024-T3 SHEET 0.032 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.032)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

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08-07-03/14

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 54 OF 67
APPROVED	#	TITLE	SCALE
DE APPR.	#	212S DETAIL PARTS	1:2
DATE	08.03.14	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	







D212-725-1-171 DOUBLER
(MAKE FROM D212-725-1-171F)

D212-725-1-173 DOUBLER
(MAKE FROM D212-725-1-173F)

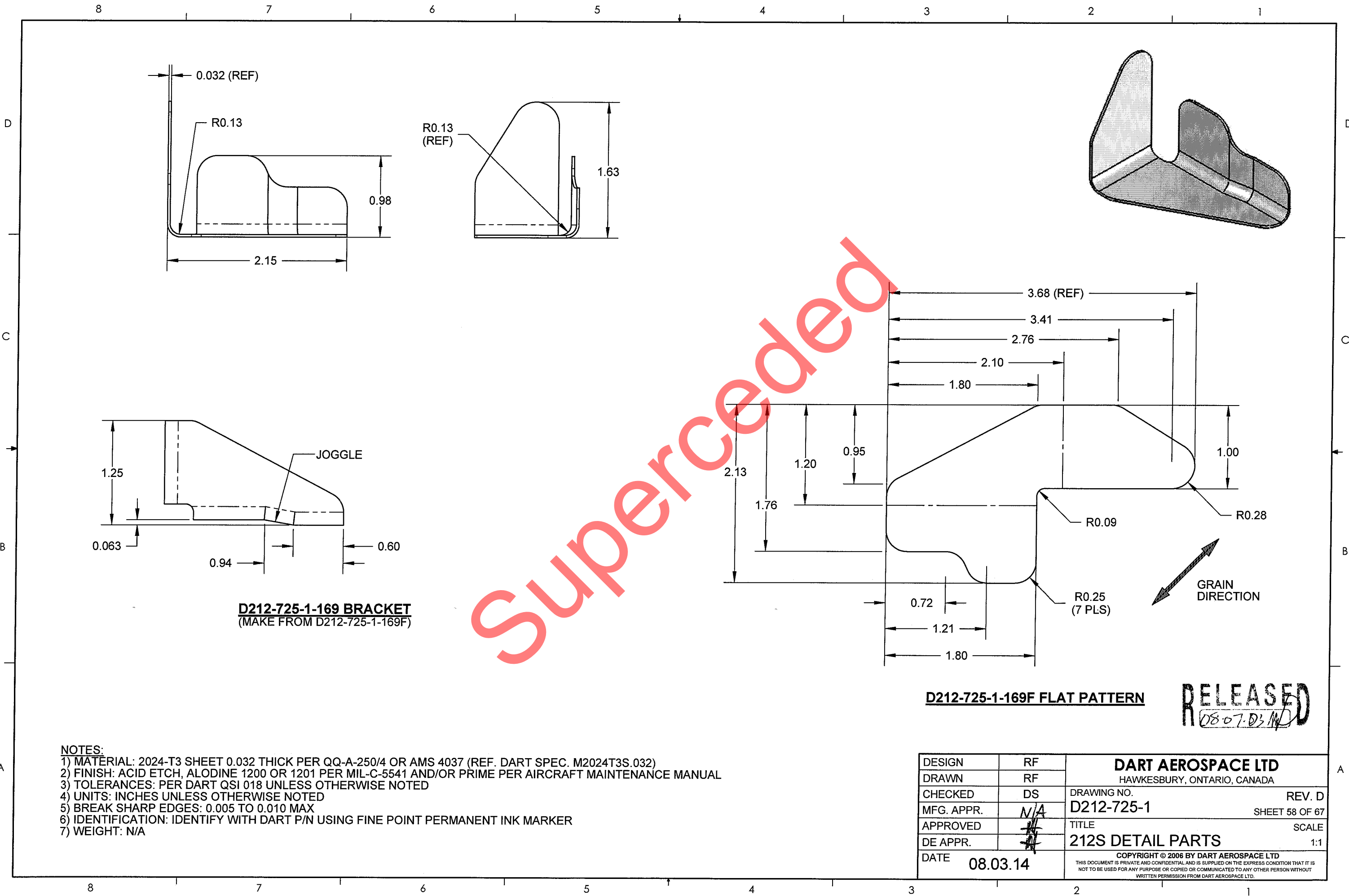
D212-725-1-171F FLAT PATTERN

D212-725-1-173F FLAT PATTERN

RELEASED
08-07-03/14

- D212-725-1-171/-173 NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 57 OF 67
APPROVED	[Signature]	TITLE	SCALE
DE APPR.	[Signature]	212S DETAIL PARTS	1:2
DATE	08.03.14	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



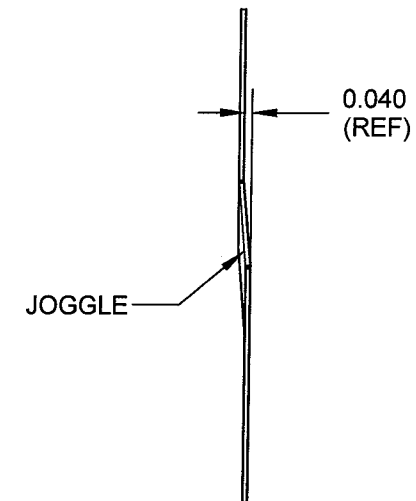
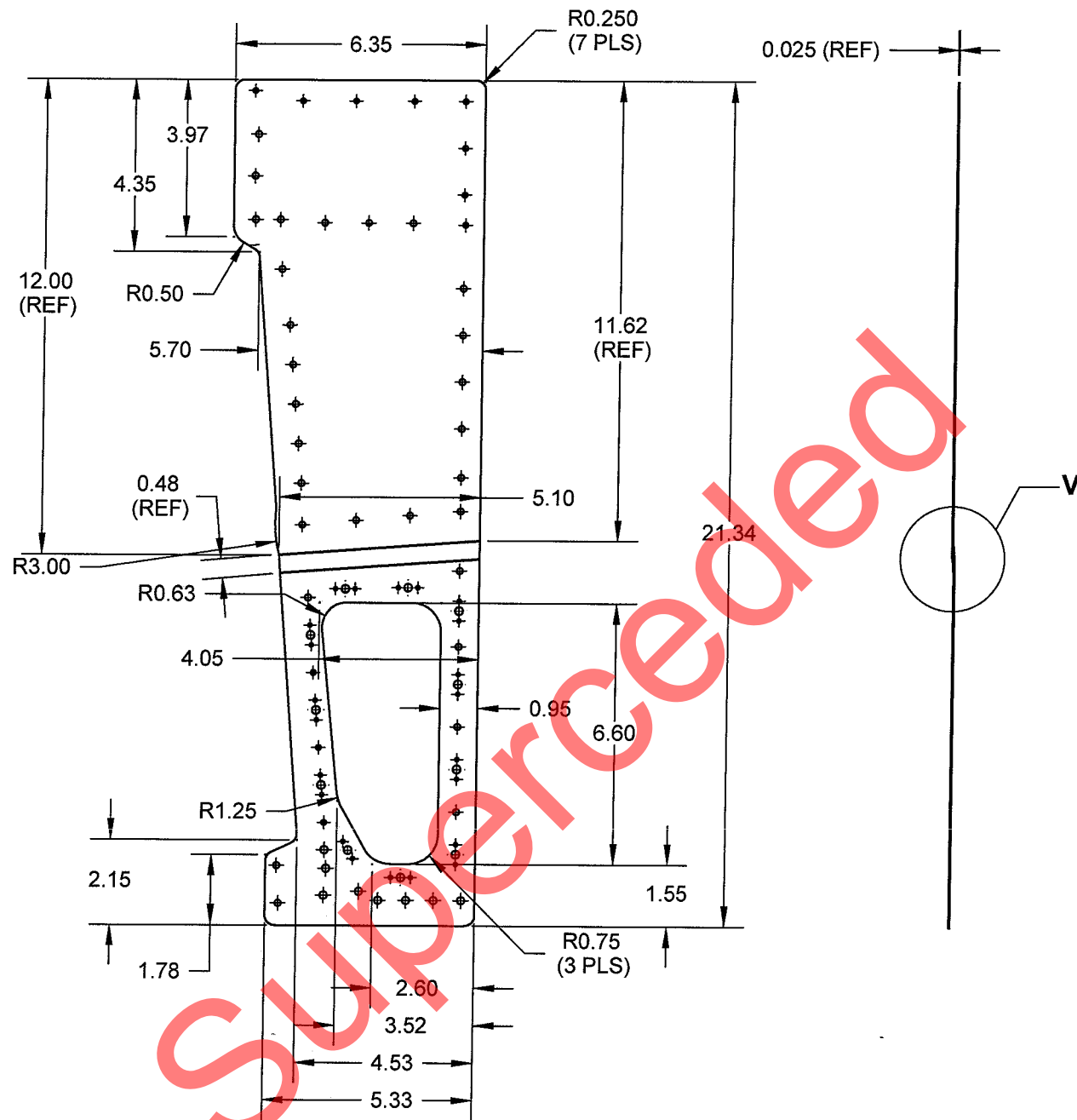
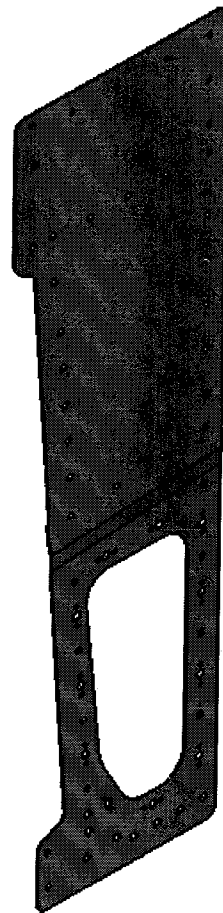
D212-725-1-169 BRACKET
(MAKE FROM D212-725-1-169F)

D212-725-1-169F FLAT PATTERN

RELEASED
08-07-03 MD

- NOTES:
- 1) MATERIAL: 2024-T3 SHEET 0.032 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.032)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO. D212-725-1	REV. D
MFG. APPR.	N/A	SHEET 58 OF 67	
APPROVED		TITLE 212S DETAIL PARTS	SCALE 1:1
DE APPR.		COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	08.03.14		



DETAIL V
SCALE 1:1
(VIEW ALTER FOR CLARITY)

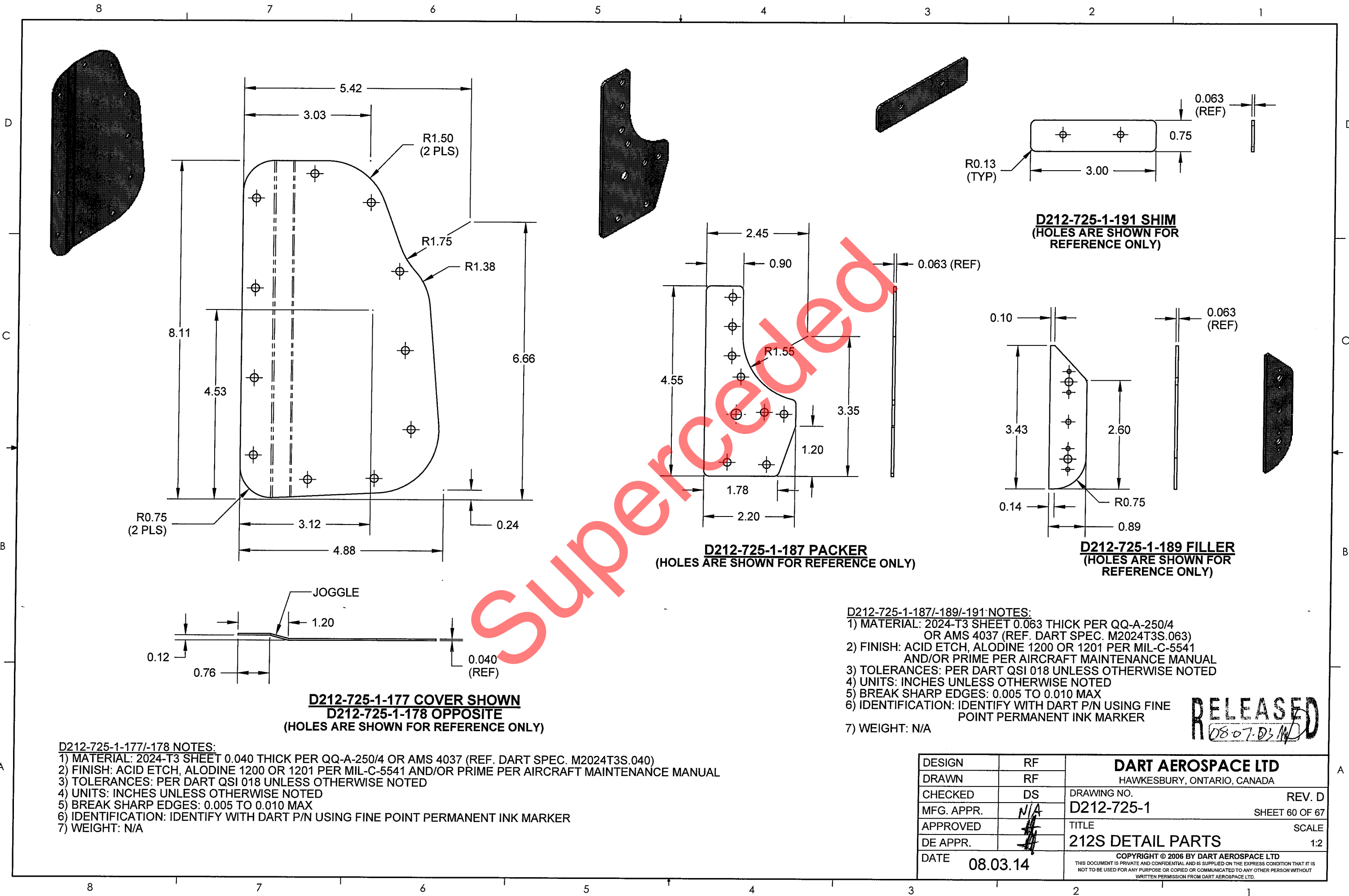
D212-725-1-175 WEB SHOWN
D212-725-1-176 OPPOSITE
(HOLES ARE SHOWN FOR REFERENCE ONLY)

NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.025 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.025)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

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08-07-03 MD

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 59 OF 67
APPROVED	HL	TITLE	SCALE
DE APPR.	HL	212S DETAIL PARTS	1:2
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D212-725-1-177/-178 NOTES:

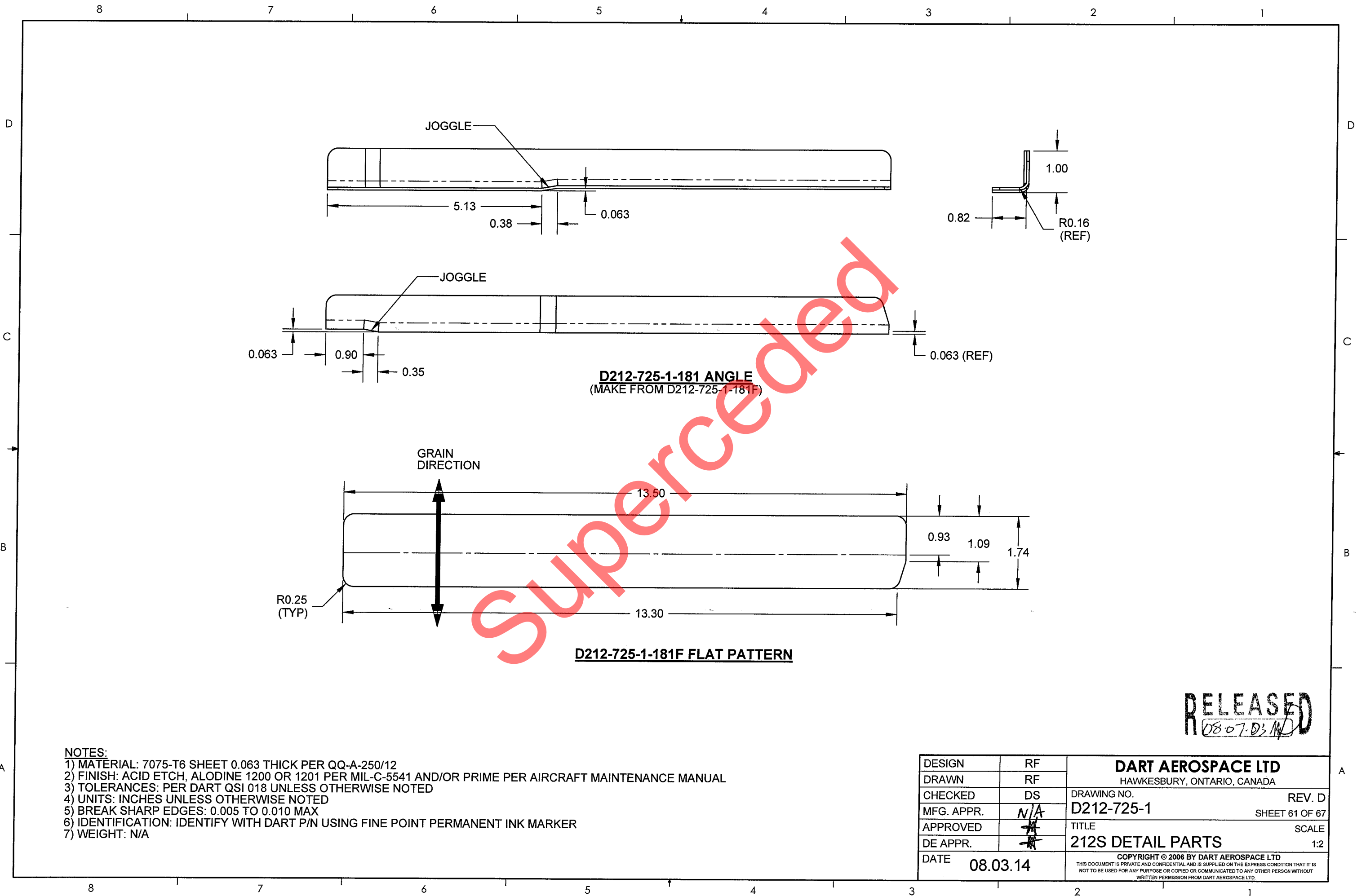
- 1) MATERIAL: 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.040)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

D212-725-1-187/-189/-191 NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.063 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.063)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 60 OF 67
APPROVED	#	TITLE	SCALE
DE APPR.	#	212S DETAIL PARTS	1:2
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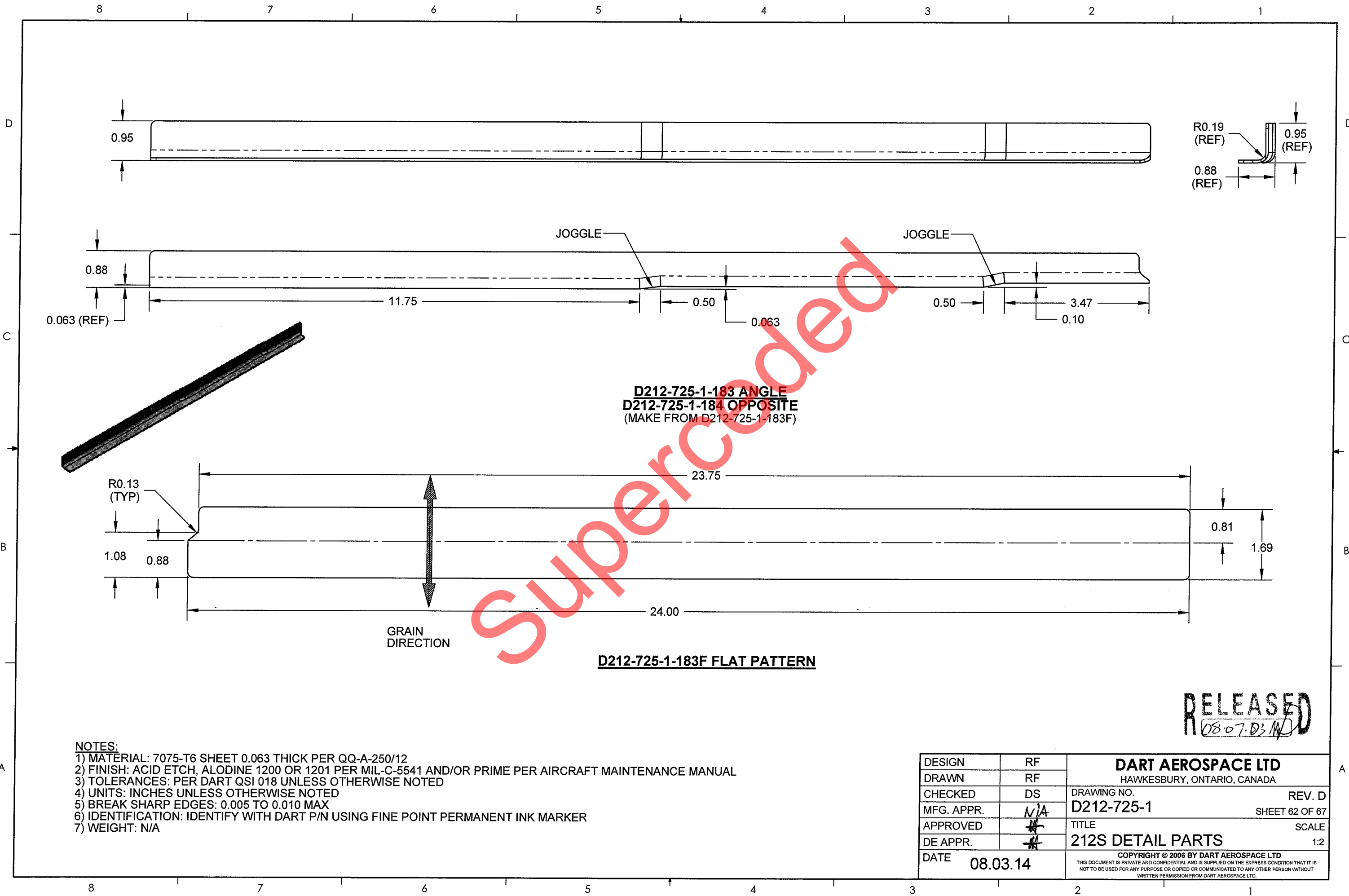
RELEASED
08-07-03-14



- NOTES:
- 1) MATERIAL: 7075-T6 SHEET 0.063 THICK PER QQ-A-250/12
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 61 OF 67
APPROVED		TITLE	SCALE
DE APPR.		212S DETAIL PARTS	1:2
DATE	08.03.14	COPYRIGHT © 2006 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

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08-07-03-14



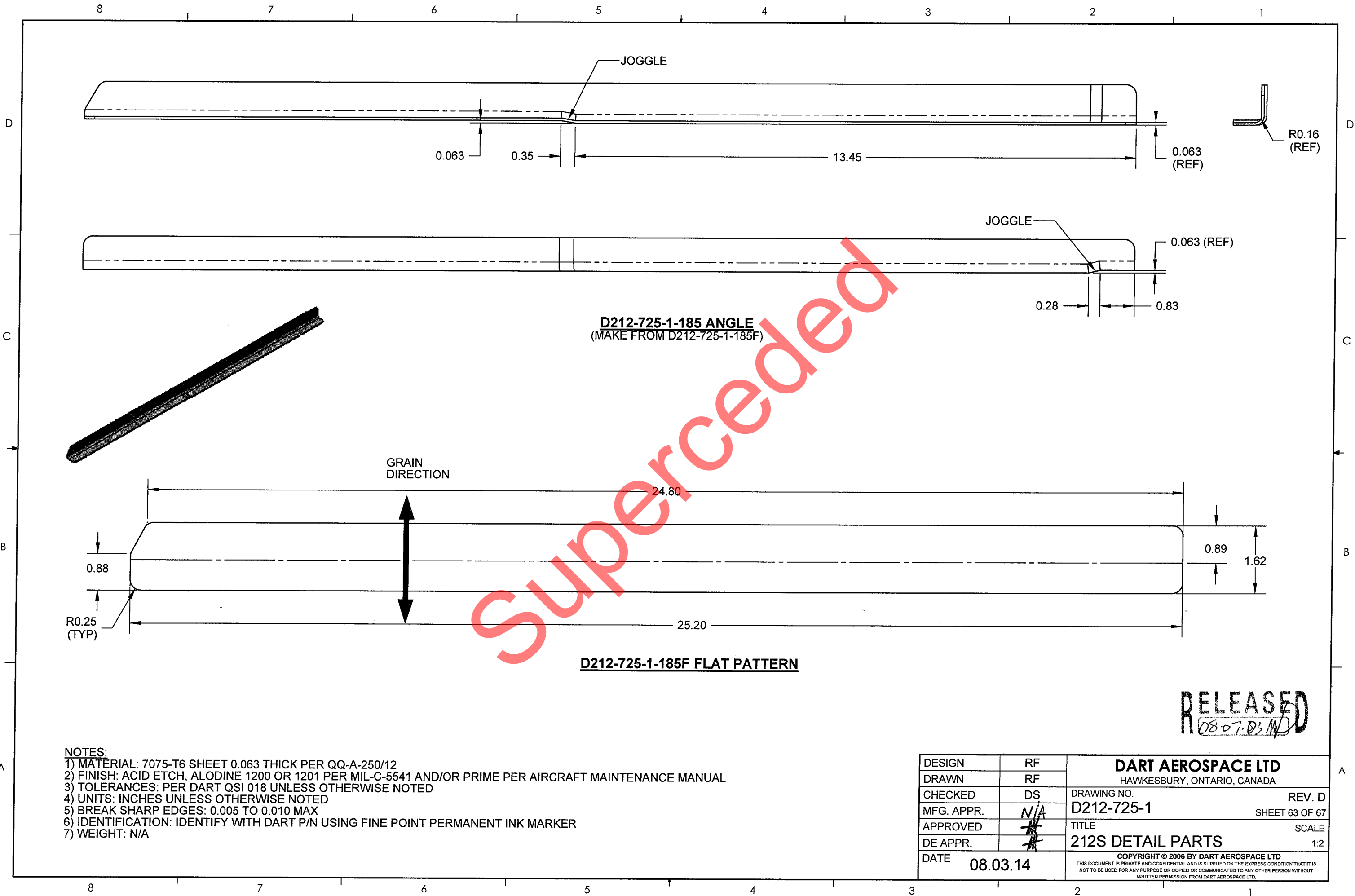
D212-725-1-183 ANGLE
D212-725-1-184 OPPOSITE
(MAKE FROM D212-725-1-183F)

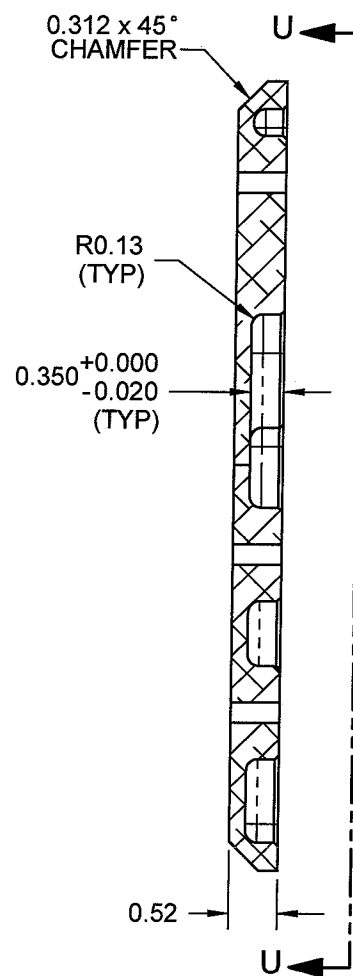
D212-725-1-183F FLAT PATTERN

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08-07-03

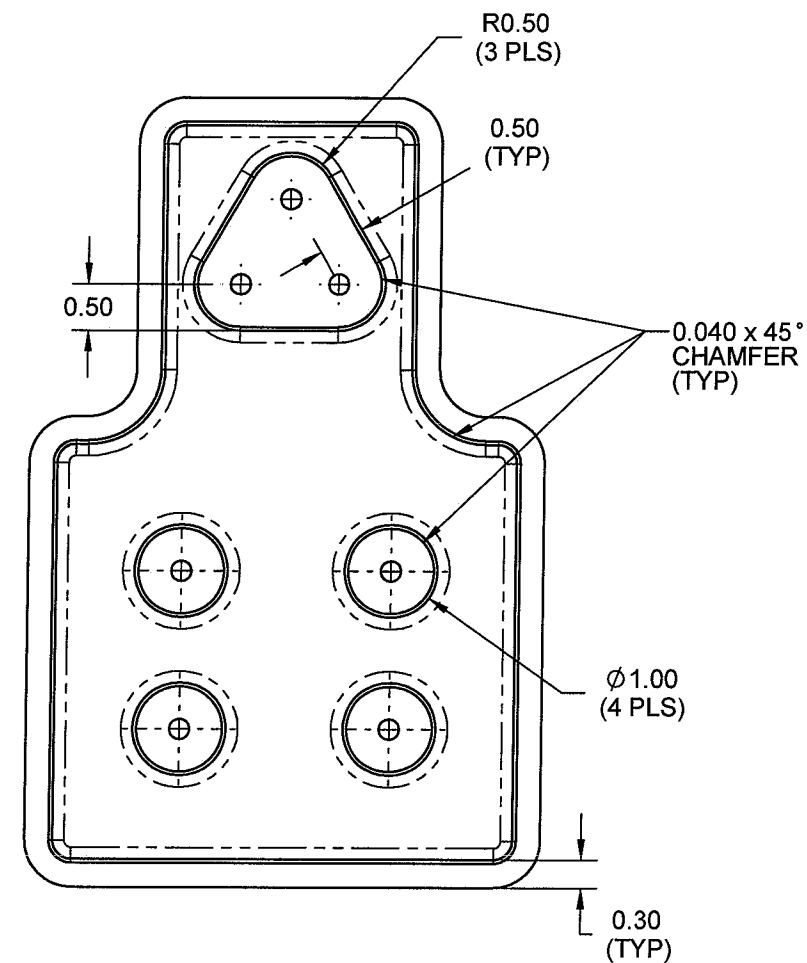
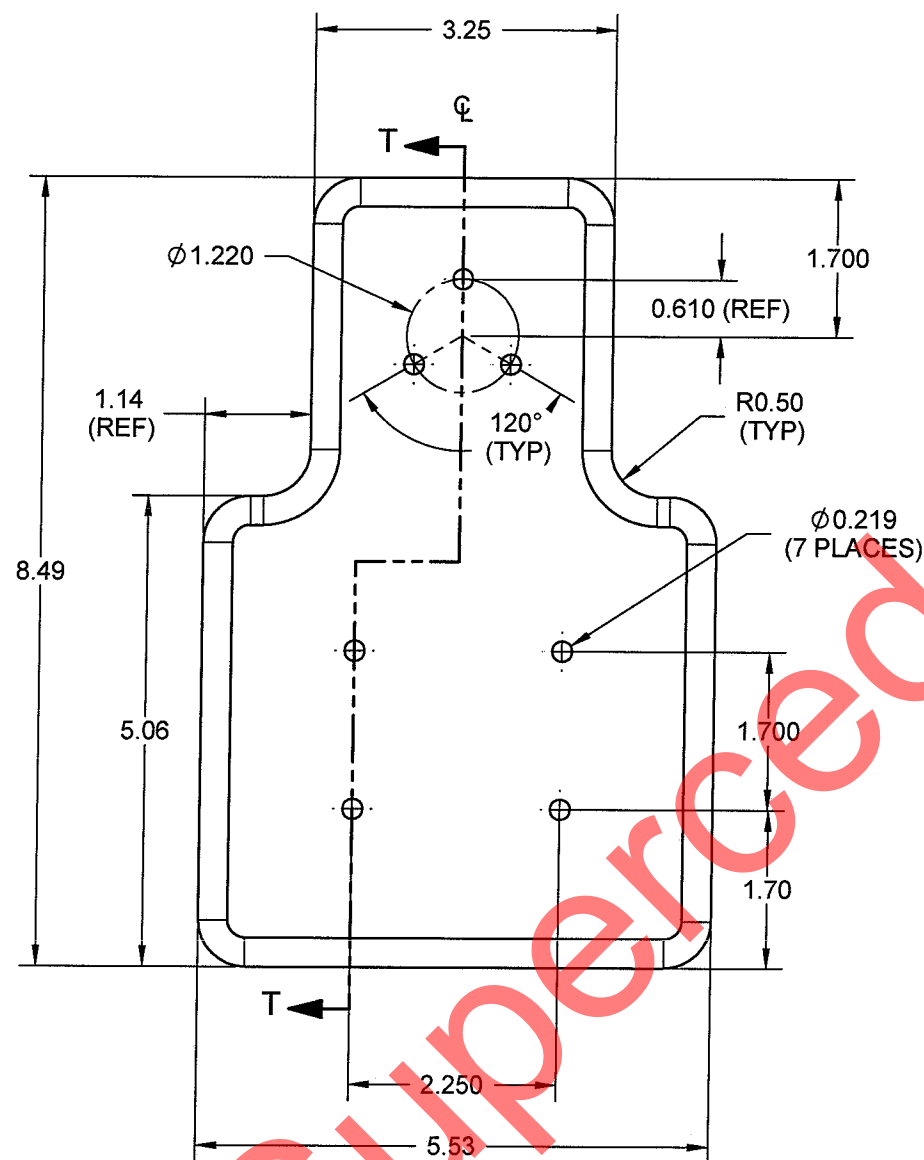
- NOTES:
- 1) MATERIAL: 7075-T6 SHEET 0.063 THICK PER QQ-A-250/12
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 62 OF 67
APPROVED	#	TITLE	SCALE
DE APPR.	#	212S DETAIL PARTS	1:2
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SECTION T-T



VIEW U-U

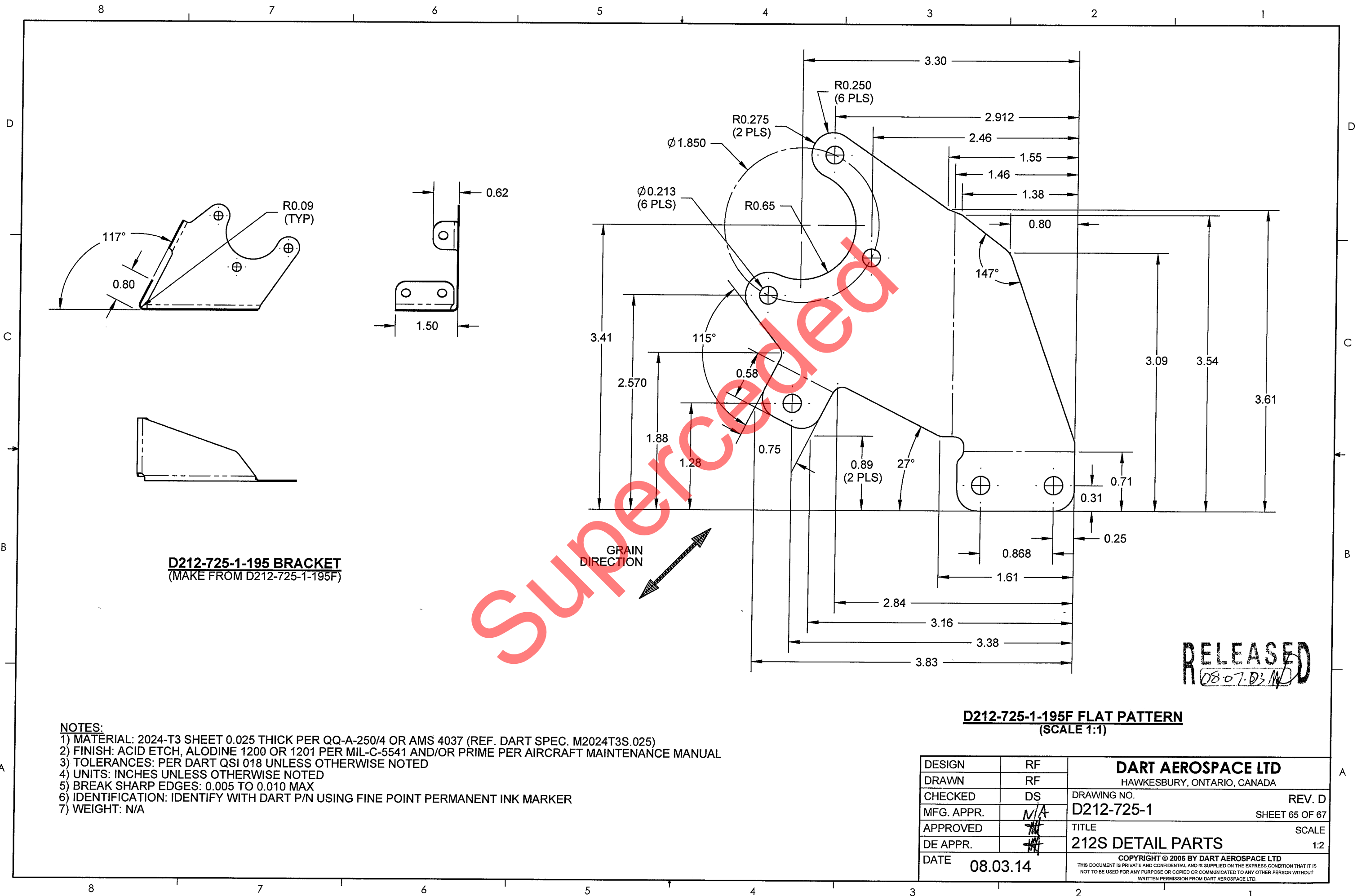
D212-725-1-009 IDLE STOP MOUNT

NOTES:

- 1) MATERIAL: 6061-T6 (QQ-A-250/8) OR (QQ-A-200/11) PLATE (REF. DART SPEC. M6061T6B)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

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DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 64 OF 67
APPROVED	#	TITLE	SCALE
DE APPR.	#	212S DETAIL PARTS	1:2
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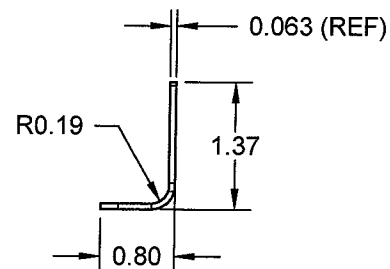
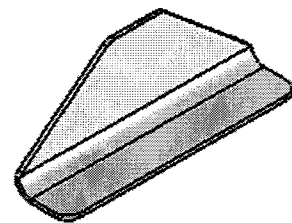


D212-725-1-195 BRACKET
(MAKE FROM D212-725-1-195F)

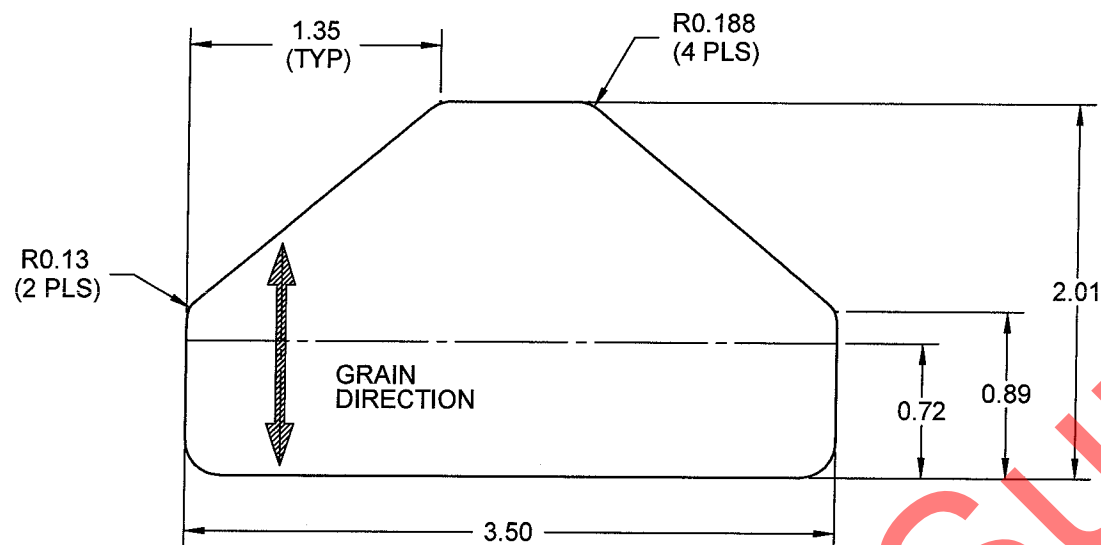
- NOTES:**
- 1) MATERIAL: 2024-T3 SHEET 0.025 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.025)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

D212-725-1-195F FLAT PATTERN
(SCALE 1:1)

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 65 OF 67
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212S DETAIL PARTS	1:2
DATE	08.03.14	COPYRIGHT © 2006 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



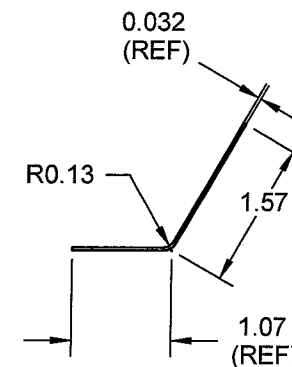
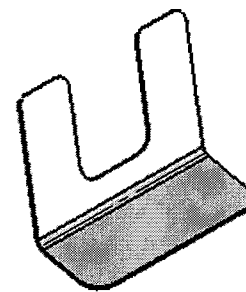
D212-725-1-197 COWL CLIP
(MAKE FROM D212-725-1-197F)



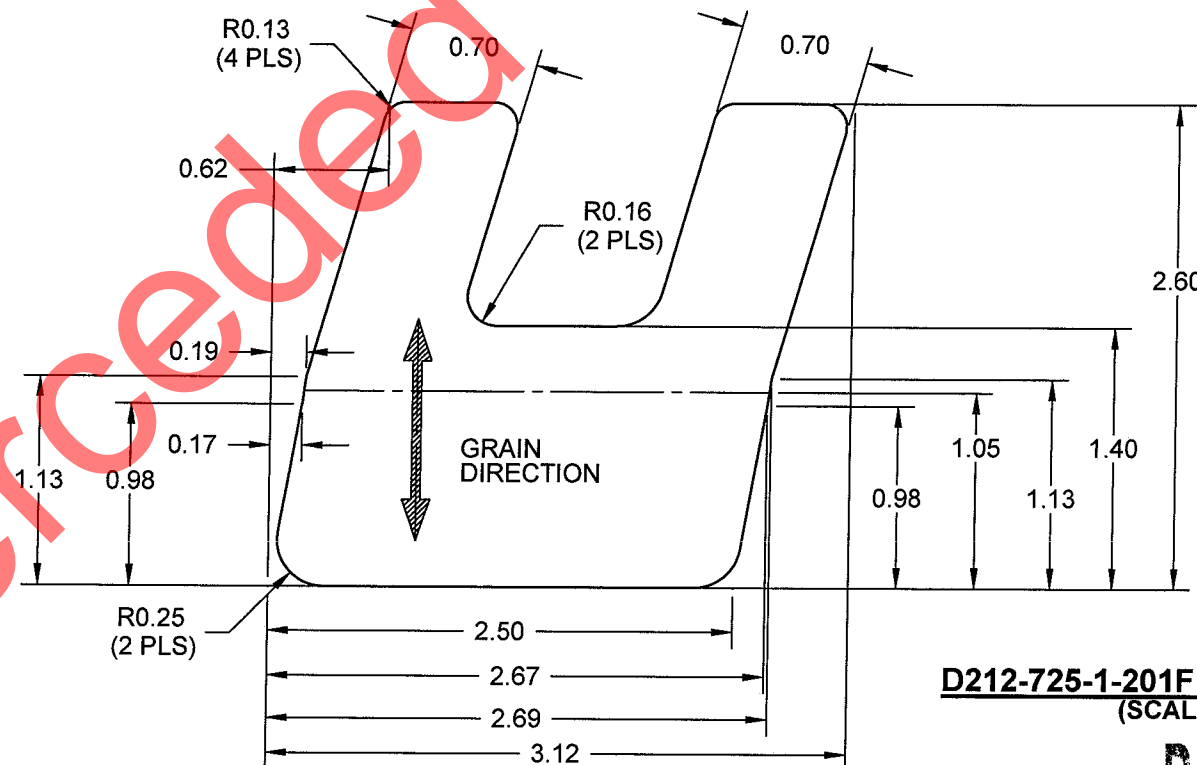
D212-725-1-197F FLAT PATTERN
SCALE 1:1

D212-725-1-197 NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.063 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.063)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A



D212-725-1-201 DOUBLER
D212-725-1-202 OPPOSITE
(MAKE FROM D212-725-1-201F)



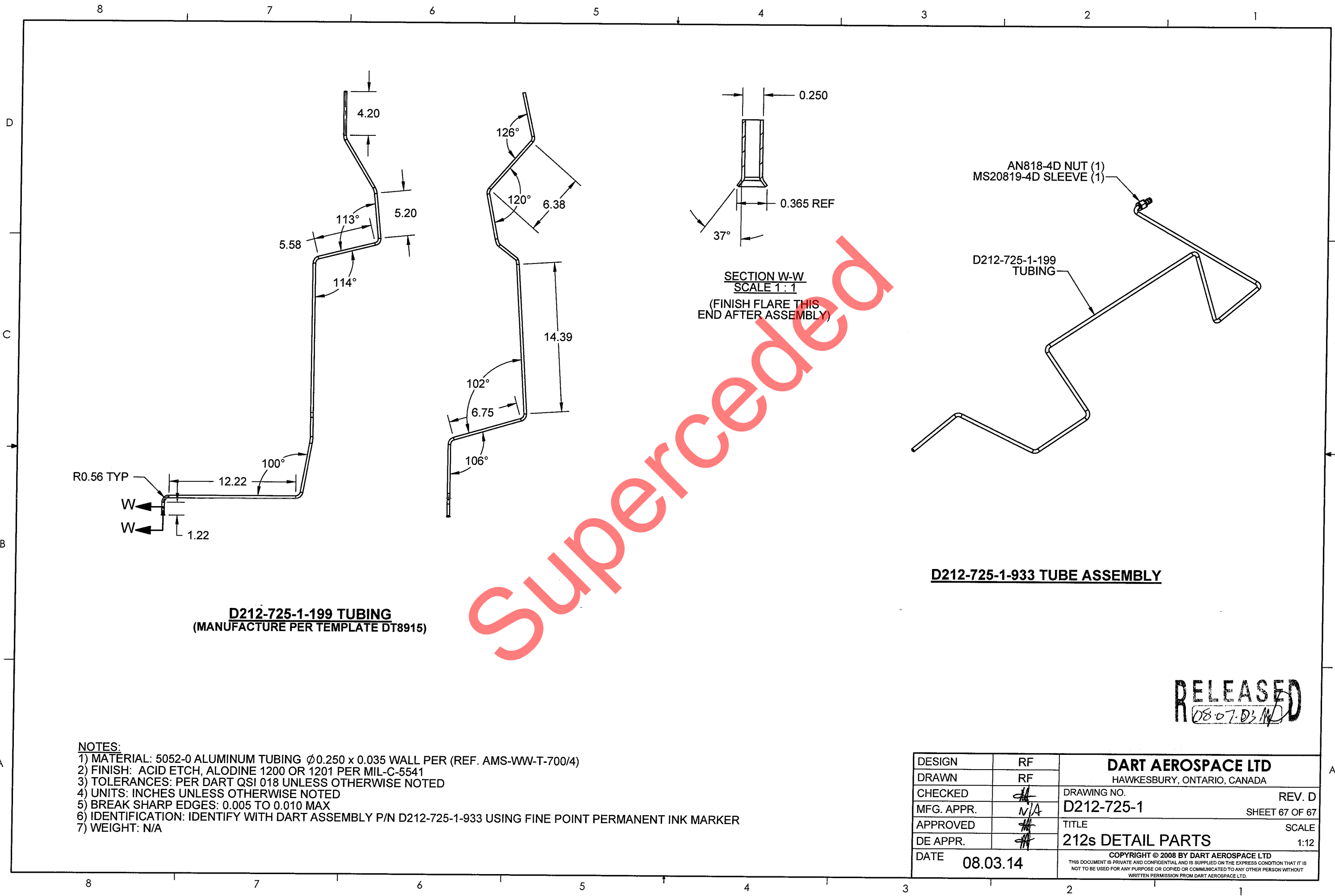
D212-725-1-201F FLAT PATTERN
(SCALE 1:1)

D212-725-1-201/-202 NOTES:

- 1) MATERIAL: 2024-T3 SHEET 0.032 THICK PER QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T3S.032)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME PER AIRCRAFT MAINTENANCE MANUAL
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: N/A

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08-07-03 M/D

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	DS	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 66 OF 67
APPROVED	#	TITLE	SCALE
DE APPR.	#	212S DETAIL PARTS	1:2
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- NOTES:
- 1) MATERIAL: 5052-0 ALUMINUM TUBING $\varnothing 0.250 \times 0.035$ WALL PER (REF. AMS-WW-T-700/4)
 - 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART ASSEMBLY P/N D212-725-1-933 USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: N/A

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. D
MFG. APPR.	N/A	D212-725-1	SHEET 67 OF 67
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	212s DETAIL PARTS	1:12
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